CONSTRUCTION NEWS

Engineering News-Record, Oct. 1, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Irrigation, Pearsall, Tex., Frio Co. plan bond election, $5,000,000.

Loft, New York, N. Y., G. Kern & T. P. McLoughlin having plans prepared, $4,500,000.

Water system, Blythe, Calif., voted bonds, $3,500,000.

Theatre, Bank, etc., San Francisco, Calif., Capitol Co. having plans prepared, $3,000,000.

School, New York, N. Y., Bd. of Educ. having plans prepared, $2,668,000.

Glass plant, Kittanning, Pa., Kittanning Plate Glass Co. having plans prepared, $2,000,000.

Road work, Bryant, Tex., Brazos Co. plan bond election, $2,000,000.

Hotel, Indrio, Fla., East Coast Development Co. had plans prepared, $1,500,000.

Irrigation, El Paso, Tex., El Paso Co. plans bond election, $1,500,000.

Road work, Hempstead, Tex., Waller Co. plans bond election, $1,250,000.

Schools, Johnstown, Pa., city plans bond election, $1,250,000.

Hotel, Santa Monica, Calif., Palisades Hotel Co. having plans prepared, $1,100,000.

Hospital, Boston, Mass., Mass. General Hospital plans new hospital, $1,000,000.

Apartment, St. Louis, Mo., Saum Bros. plan building, $1,000,000.

Bids Wanted On Big Jobs

Sewage disposal plant, Willow, O., Oct. 28, $2,300,000.

Hotel, Oakland, Calif., taking bids, Boulevard Hotel Co., $2,000,000.

Theatre, store and office, Chicago, Ill., soon takes bids, Rapp and Rapp, archts., $1,500,000.

Streets, Miami, Fla., Oct. 7, city clerk, $1,000,000.

Flood prevention, Brownsville, Tex., Jan. 1, Cameron Co., $1,000,000.

Store, Chicago, Ill., Oct. 20, by Holabird & Roche, archts., $1,000,000.

Large Contracts Let During Week

Hotel, New York, N. Y., Savoy Hotel to Fuller Constr. Co., $17,000,000.

Silk Mill, Buffalo, N. Y., Dupont Fibersilk Co. to Dupont Engineering Co., $8,000,000.

Club house, Chicago, Ill., Lake Shore Athletic Club to Hegeman-Harris Co., $3,650,000.

Gas plant, New York, N. Y., Consolidated Gas Co. to W. F. Kenny Co., $4,000,000.

Grain elevator, Philadelphia, Pa., Philadelphia Grain Elevator Co. to M. A. Long Co., $4,000,000.

Bank and office, Wichita, Kan., H. M. Vitzthum to G. H. Siedhoff, $2,000,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" section.

WATERWORKS

Bids Close			See Eng. News-Record
Oct.	3	Huntington, N. J.	Sept. 24
Oct.	3	Columbus, O.	Sept. 24
Oct.	5	Lawrence, Mass.	Sept. 24
Oct.	5	Robinsdale, Minn.	Oct. 1
Oct.	6	Brooklyn, N. Y.	Oct. 1
Oct.	6	Bluff City, Tenn.	Sept. 24
Oct.	7	Cleveland, O.	Oct. 1
Oct.	7	Baltimore, Md.	Oct. 1
Oct.	12	Iron Mountain, Mich.	Sept. 24
Oct.	13	Detroit, Mich.	Sept. 17
Oct.	16	Salisbury, Md. Adv. Oct. 1.	Oct. 1
Oct.	27	Maitland, Fla. Adv. Oct. 1.	Oct. 1

SEWERS

Bids Close			See Eng. News-Record
Oct.	5	Medina, O.	Oct. 1
Oct.	5	Hamden (Br. New Haven), Conn.	Oct. 1
Oct.	6	Long Island City, N. Y.	Oct. 1
Oct.	6	Williamsport, Pa.	Oct. 1
Oct.	6	Lynn, Mass.	Sept. 3
Oct.	7	University (Br. St. Louis), Mo.	Oct. 1
Oct.	7	Cleveland, O.	Oct. 1
Oct.	7	Long Island City, N. Y.	Oct. 1
Oct.	7	Baltimore, Md	Oct. 1
Oct.	8	Jonesville, N. Y.	Oct. 1
Oct.	9	Oakfield, N. Y. Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct.	12	Evansville, Ind.	Sept. 24
Oct.	12	Southmont (Johnstown P. O.), Pa.	Oct. 1
Oct.	14	Evansville, Ind. Adv. Oct. 1.	Oct. 1
Oct.	15	Birmingham, Ala.	Oct. 1
Oct.	15	East Syracuse, N. Y. Adv. Oct. 1.	Oct. 1
Oct.	21	Holland, Mich. Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct.	23	Buffalo, N. Y. Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct.	23	Buffalo, N. Y.	Oct. 1
Oct.	28	Cleveland, O. Adv. Sept. 24 and Oct. 1.	Oct. 1
Oct.	28	Willow (Mail South Park), O.	Oct. 1

WASTE DISPOSAL

Bids Close			See Eng. News-Record
Oct.	13	Lakeland, Fla. Adv. Oct. 1.	Oct. 1
Oct.	19	Iron Mountain, Mich.	Oct. 1

BRIDGES

Bids Close			See Eng. News-Record
Oct.	5	Bastrop, La.	Sept. 24
Oct.	5	Birmingham, Ala.	Oct. 1
Oct.	6	Hermann, Mo.	Oct. 1
Oct.	6	Southwick, Mass.	Oct. 1
Oct.	6	Gulfport, Miss.	Sept. 24
Oct.	7	Providence, R. I. Adv. Oct. 1.	Oct. 1
Oct.	8	Charleston, W. Va.	Sept. 10
Oct.	9	Sierra Blanco, Tex.	Sept. 24
Oct.	12	Lynchburg, Va.	Sept. 17
Oct.	12	Mercer, Pa. Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct.	13	New York	Sept. 24
Oct.	13	North Carolina	Oct. 1
Oct.	16	Hartford, Kan.	Oct. 1
Oct.	16	Kansas	Sept. 24
Oct.	19	Houston, Tex.	Oct. 1
Oct.	20	South Carolina	Oct. 1
Oct.	23	Texas and Oklahoma Adv. Oct. 1.	Oct. 1
Oct.	27	Miami, Fla.	Oct. 1
Nov.	17	Wellington, New Zealand	Sept. 17

DAMS

Bids Close			See Eng. News-Record
Oct.	12	Los Angeles, Calif.	Aug. 20

EXCAVATION, DRAINAGE IRRIGATION, LEVEES

Bids Close			See Eng. News-Record
Oct.	3	Bloomington, Ill.	Oct. 1
Oct.	6	Port Mouton, N. S.	Oct. 1
Oct.	12	Decatur, Ill.	Oct. 1
Oct.	14	New Orleans, La.	Sept. 17
Jan.	1	Brownsville, Tex.	Oct. 1

STREETS AND ROADS

Bids Close			See Eng. News-Record
Oct.	2	Pennsylvania	Sept. 17
Oct.	2	Medford, Mass.	Oct. 1
Oct.	5	Medamin, Iowa	Oct. 1
Oct.	5	Danville, Ind.	Oct. 1
Oct.	5	Lewistown, Pa.	Sept. 17
Oct.	5	New York Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct.	5	New Jersey	Sept. 24
Oct.	6	Vero Beach, Fla.	Sept. 17
Oct.	6	Lake Alfred, Fla.	Sept. 24
Oct.	6	Michigan	Sept. 24
Oct.	6	Gulfport, Miss.	Sept. 24
Oct.	6	Columbus, O.	Oct. 1
Oct.	6	Belhaven, N. C.	Oct. 1
Oct.	6	Maryland Adv. Oct. 1.	Oct. 1
Oct.	6	Wyoming	Oct. 1
Oct.	6	Wisconsin	Oct. 1
Oct.	6	Phila., Pa.	Oct. 1
Oct.	6	Garfield, Okla.	Oct. 1
Oct.	6	Columbus, Miss.	Oct. 1
Oct.	6	Oklahoma	Oct. 1
Oct.	6	Auburn, Ind.	Oct. 1
Oct.	6	St. George, N. Y.	Oct. 1
Oct.	6	Ventura, Calif.	Oct. 1
Oct.	7	Miami, Fla.	Oct. 1
Oct.	7	St. George, N. Y.	Oct. 1
Oct.	7	Baltimore, Md.	Oct. 1
Oct.	7	West Palm Beach, Fla. Adv. Oct. 1.	Oct. 1
Oct.	7	Delaware	Sept. 24
Oct.	7	Michigan	Sept. 24
Oct.	8	McComb, Miss.	Sept. 24
Oct.	8	Montgomery, Pa.	Oct. 1
Oct.	8	Wayne, W. Va.	Oct. 1
Oct.	8	Michigan	Oct. 1
Oct.	8	Magnolia, Miss.	Oct. 1
Oct.	8	St. George, N. Y.	Oct. 1
Oct.	8	Papillion, Neb.	Oct. 1
Oct.	8	Fremont, Neb.	Oct. 1
Oct.	8	Wash., D. C.	Oct. 1
Oct.	9	Guthrie, Okla.	Oct. 1
Oct.	9	Salina, Kan.	Oct. 1
Oct.	9	Cincinnati, O.	Oct. 1
Oct.	9	Columbus, Neb.	Oct. 1
Oct.	9	Hebron, Neb.	Oct. 1
Oct.	9	Wauwatosa, Wis.	Oct. 1
Oct.	9	Boston, Mass.	Oct. 1
Oct.	9	Liberty, Texas	Oct. 1
Oct.	12	Kentucky	Sept. 17
Oct.	12	Michigan	Sept. 24
Oct.	12	San Diego, Calif.	Oct. 1
Oct.	13	Hobart, Okla.	Oct. 1
Oct.	13	California	Oct. 1
Oct.	13	Minnesota	Oct. 1
Oct.	13	Olean, N. Y. Adv. Oct. 1.	Oct. 1
Oct.	13	North Carolina Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct.	14	Alabama	Sept. 10
Oct.	14	Alabama	Sept. 24
Oct.	14	Rhode Island Adv. Oct. 1.	Oct. 1
Oct.	14	Yonkers, N. Y. Adv. Sept. 24 and Oct. 1.	Oct. 1
Oct.	14	Canton, O.	Oct. 1
Oct.	15	Alabama	Sept. 10
Oct.	15	Birmingham, Ala.	Sept. 17
Oct.	16	Wilson, N. C. Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct.	16	Floresville, Tex.	Oct. 1
Oct.	19	New Jersey Adv. Oct. 1.	Oct. 1
Oct.	20	Louisiana	Oct. 1
Oct.	20	South Carolina	Oct. 1
Oct.	22	Louisiana	Oct. 1
Oct.	22	Abilene, Kan.	Oct. 1
Oct.	27	Cottonwood Falls, Kan.	Oct. 1
Oct.	29	Key West, Fla. Adv. Oct. 1.	Oct. 1
Nov.	10	Louisiana	Oct. 1

Bids Close		See Eng. News-Record
BUILDINGS—INDUSTRIAL		
Oct. 9	Detroit, Mich.	Oct. 1
Oct. 13	Durban, South Africa	July 30
BUILDINGS—COMMERCIAL		
Oct. 3	Baltimore, Md.	Oct. 1
Oct. 5	El Reno, Okla.	Oct. 1
Oct. 6	Newark, Del.	Oct. 1
Oct. 6	Labelle, Fla.	Oct. 1
Oct. 6	New Brunswick, N. J.	Aug. 20
Oct. 6	North Tarrytown (Ind. br. Tarrytown), N. Y. Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct. 6	Hays, Kan.	Oct. 1
Oct. 8	Pass Christian, Miss.	Oct. 1
Oct. 9	Grand Rapids, Mich.	Oct. 1
Oct. 12	Breckenridge, Tex.	Sept. 3
Oct. 14	Racine, Wis.	Oct. 1
Oct. 15	Chicago, Ill.	Oct. 1
Oct. 20	Chicago, Ill.	Oct. 1
Nov. 4	Webster City, Ia.	Oct. 1
Nov. 15	Aurora, Ill.	Aug. 27
BUILDINGS—EDUCATIONAL, RELIGIOUS		
Oct. 2	Indianapolis, Ind.	Sept. 24
Oct. 2	Camden, N. J.	Sept. 24
Oct. 3	Swissvale, Pa.	Oct. 1
Oct. 5	Aurora, Ill.	Sept. 24
Oct. 5	Detroit, Mich.	Sept. 17
Oct. 5	Long Island City, N. Y.	Sept. 24
Oct. 5	St. Louis, Mo.	Oct. 1
Oct. 6	Waukegan, Ill.	Oct. 1
Oct. 6	Bristol, R. I.	Oct. 1
Oct. 6	Phila., Pa.	Oct. 1
Oct. 6	Madison, Wis.	Oct. 1
Oct. 7	San Francisco, Calif.	Sept. 17
Oct. 8	Lyndonville, N. Y.	Sept. 17
Oct. 8	Forest Hills (Ind. sta. Flushing), N. Y.	Sept. 17
Oct. 9	College Point (Ind. Sta. Flushing), N. Y.	Sept. 24
Oct. 9	Laurelton, Pa.	Sept. 24
Oct. 9	Taunton, Mass.	Oct. 1
Oct. 10	Cudahy, Wis.	Oct. 1
Oct. 10	Mansfield, O.	Oct. 1
Oct. 12	Midland, Pa.	Oct. 1
Oct. 15	Marinette, Wis.	Oct. 1
Oct. 15	York, Pa.	Oct. 1
Oct. 16	Marshalltown, Ia.	Oct. 1
Oct. 19	Long Branch, N. J.	Oct. 1
Dec. 1	Duluth, Minn.	Oct. 1
FEDERAL GOVERNMENT WORK		
Oct. 2	Dredging—Stamford, Conn.	Sept. 3
Oct. 8	Quarters—Oswego, N. Y. Adv. Sept. 10 to Oct. 1.	Sept. 17
Oct. 9	Roads—Baltimore, Md.	Oct. 1
Oct. 10	Pressure Pipe System—Florence, Ala. Adv. Sept. 17 to Oct. 1.	Sept. 17
Oct. 12	Addition—Columbia, S. C.	Oct. 1
Oct. 13	Post Office—Tullahoma, Tenn.	Sept. 17
Oct. 13	Fire Protection System — New York, N. Y.	Oct. 1
Oct. 14	Tile Deck — Brooklyn, N. Y. Adv. Oct. 1.	Oct. 1
Oct. 14	Excavation—Beverly, Mass. Adv. Sept. 17 to Oct. 1.	Sept. 17
Oct. 14	Railway—Dayton, O. Adv. Sept. 17 to Oct. 1.	Sept. 24
Oct. 15	Dredging—Phila., Pa.	Oct. 1
Oct. 20	Metal Work — Louisville, Ky.	Oct. 1
Oct. 20	Wicket Irons—Louisville, Ky. Adv. Sept. 24 and Oct. 1.	Sept. 24
Oct. 23	Derrick Boat—Jacksonville, Fla. Adv. Oct. 1.	Oct. 1
Oct. 26	Gates—Louisville, Ky. Adv. Oct. 1.	Oct. 1
Oct. 27	Turbines—Washington, D. C. Adv. Oct. 1.	Oct. 1
Oct. 28	Repairing Dredge—Galveston, Tex. Adv. Oct. 1.	Oct. 1
UNCLASSIFIED		
Oct. 5	Fire Alarm System—Fairview, O.	Oct. 1
Oct. 5	Pier Shed Equipment—New York, N. Y.	Oct. 1
Oct. 6	Ventilation Buildings, New York, N. Y.	Sept. 10
Oct. 6	Pumping Equipment—New York, N. Y. Adv. Sept. 17 to Oct. 1.	Sept. 17
Oct. 6	Car Barn—Raleigh, N. C.	Sept. 24
Oct. 6	Subway—New York, N. Y.	Oct. 1
Oct. 7	Rubble Wall—Port Burwell, Ont.	Oct. 1
Oct. 8	Wharves—Quebec	Oct. 1
Oct. 8	Subway—Niles Center, Ill.	Oct. 1
Oct. 9	Subway—Flushing, N. Y.	Oct. 1
Oct. 13	Protection Work—Delta, Man.	Oct. 1
Oct. 13	Park Houses, etc.—Chicago, Ill.	Oct. 1
Oct. 19	Heating, Plumbing, etc. — Birmingham, Ala.	Oct. 1
Oct. 20	Causeway—South Carolina.	Oct. 1
Oct. 27	Steel Ferry Boats—Boston, Mass.	Oct. 1
Dec. 8	Steel Supports—Wellington, New Zealand	Oct. 1
MATERIALS		
Oct. 6	Castings — New York, N. Y.	Oct. 1
Oct. 6	Paving Blocks—Long Island City, N. Y.	Oct. 1
Oct. 13	Gravel—Louisiana	Oct. 1
Oct. 20	Telephone Cable—Melbourne, Australia	Sept. 24
Oct. 27	Wire—Wellington, New Zealand	Aug. 20
Nov. 9	Wire—Wellington—New Zealand	Sept. 17
Nov. 9	Cable—Melbourne, Australia	Sept. 17
		Aug. 20

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Me., Orono—Penobscot Co. Water Co. rejected bids water purification plant, 3 m.g. daily output. Project postponed. Metcalf & Eddy, 14 Beacon St., Boston, engrs. Noted Mar. 26.

Mass., Quincy (Boston P. O.) — Plans larger mains throughout city. $250,000. Private plans. Address Bd. Aldermen.

Conn., Hartford—Plans two 4 m.g. filter beds to complete 9,000,000,000 gal. fresh water basin now under construction. $180,000. C. M. Saville, 53 North Beacon St., engr.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., rejected bids Aug. 28, pumping and generating plant in New Clove pumping station, etc., here. Will readvertise. Noted Sept. 3.

Miss., Moss Point—Election soon $100,000 bonds, waterworks and distribution system. H. A. Mentz, Hammond, La., engr.

La., Thibodaux—Election Oct. 6, $60,000 bonds, waterworks improvements.

Ia., West Union—Election Oct. 12, $18,000 bonds, waterworks improvements. W. M. Knox, city clk.

Kan., Eldorado—Making surveys waterworks improvements, incl. impounding reservoir with gravity flow line to town. $400,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs. Noted Sept. 17.

Kan., Rossville—Election Oct. 3, $39,000 bonds, waterworks and distribution system. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

S. D., Pierre — Voted $100,000 bonds, improving waterworks.

N. D., Mandan — Plans new 1 m.g. concrete reservoir. $30,000. E. R. Griffin, city engr.

Mo., Malden—Making plans 2 mi. 4 and 6 in. c.i. mains, two 350 g.p.m. motor driven pumps, 100,000 gal. tank on tower, new boiler, engine and generator, etc. $53,000. F. L. Wilcox, 924 Chemical Bldg., St. Louis, engr. Noted Sept. 3.

Mo., Piedmont—Takes bids about Oct. 15, several miles 4-, 6- and 8-in. distribution mains, tanks on tower, reservoir, etc. $50,000 bonds voted. W. A. Fuller Co., Railway Exch. Bldg., St. Louis, engrs. Noted Sept. 17.

Tex., Boerne—Voted $25,000 bonds, for waterworks. H. L. Davis, mayor. Noted Aug. 20.

Tex., Brownsville—Making preliminary plans sewer, water and light extensions from city limits to Villa Nueva Academy. $100,000. Address A. B. Cole, Brownsville, mayor.

Tex., Mabank — Voted $60,000 bonds waterworks improvements. Municipal Eng. Co., 602 Praetorian Bldg., Dallas, engrs. Noted Sept. 3.

Tex., San Antonio—Takes bids after Oct. 10, 60 x 100 ft. rein.-con. water tower. $130,000. I. Ewig, city engr.

Okla., Apache—Election Oct. 7, $[illegible],000 bonds for new waterworks, incl. 32,000 ft. 6 in. mains, pumps, motors, etc., and transmission line. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted July 30.

Okla., Enid—Defeated $215,000 bonds for waterworks. F. S. Magruder, city engr. This corrects report in Sept. 24 issue.

Okla., Opelika—Election Oct. 14, $2[illegible],000 bonds waterworks improvements, incl. reservoir, mains, pumping plant, etc. Address Mayor.

Okla., Ripley—Making preliminary plans new waterworks. $26,000. R. L. Dudley, mayor. Engineer not selected.

Okla., Tecumseh — Voted $15,000 bonds, waterworks improvements, incl. main extensions, motor driven triplex pumps, 5,900 ft. 6 in. and 2,800 ft. 8 in. c.i. pipe, etc. F. D. Brown, Shawnee, engr.

Calif., Blythe—Voted $3,500,000 bonds, purchasing and improving water system.

Calif., Long Beach—Voted $350,000 bonds for 3 m.g. rein.-con. reservoir, 10- to 30-in. c.i. mains, pumps, etc., for waterworks. P. E. Kressly, 732 H. W. Hellman Bldg., Los Angeles, engr.

Calif., Redwood City — San Mateo Co. making plans 50,000 gal. tank, pumphouse, pumps, etc., for water supply at poor farm. G. A. Kneese, co. surv.

Ont., Hamilton — City retained Gore, Nasmith & Storrie, consult. engrs., Confederation Life Bldg., Toronto, to prepare report on water system and supply, in connection with future extensions. W. L. McFaul, city engr.

Ont., St. Catherines—Plans extending c.i. mains in Grantham Twp. $429,721. B. F. Lamson, City Hall, engr.

Ont., Windsor—Plans enlarging filtration plant, incl. new building, filter beds, equipment, etc. $150,000. M. E. Brian, City Hall, engr.

BIDS DESIRED

N. Y., Brooklyn—Oct. 6 by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc. in Corbin Pl., Oriental Blvd., Hamton and Brighton Beach Aves., Ave. I, Amherst, Beaumont, Coleridge, Dover, Exeter, Girard and Hastings Sts.

Md., Baltimore—Oct. 7, by Bd. Awards, c.i. pipe and fittings, for Bureau Water Supply. V. B. Siems, City Hall, water engr.

Md., Salisbury—Oct. 16, by Water and Sewer Comn., for pumping station, Contr. 11; and excavating, etc., Contr. 12. F. H. Dryden, ch. engr.; adv. E. N.-R. Oct. 1.

Fla., Lake Worth — Palm Lake Corp., taking bids 100,000 gal. elevated tank, pump, deep well, water mains and fittings. G. Kingsley, Lake Worth, ch. engr.

Fla., Maitland—Oct. 27, by Town, waterworks system. J. B. McCrary Eng. Corp., Atlanta, Ga., and Orlando, engrs.; adv. E. N.-R. Oct. 1.

O., Cleveland — Oct. 7, by Comrs. Cuyahoga Co., mains in Broadview Rd., Impvt. 150, and South Miles Ave., Impvt. 567. To exceed $15,000; also in Crossview Rd., Impvt. 450, to exceed $25,000. F. Williams, Court House, engr.

O., Columbus—See "Streets and Roads."

O., Medina—See "Sewers."

O., Middletown—Taking bids 18,000 gal. pump in well for Waterworks Dept. W. C. Morrison, City Hall, engr.

Minn., Robbinsdale — Oct. 5, by C. F. Wilson, city mgr., 1 water service tapping machine, 240 water service stop boxes, two hundred and forty ¾ in. and twelve 1 in. corporation stops, two hundred and forty ¾ in. and twelve 1 in. curb stops, two hundred and forty ¾ in. and twelve 1 in. meters, etc. Carroll & Claussan Eng. Co., 406 Metropolitan Bank Bldg., St. Paul, engrs.

Tex., Amherst—Taking bids waterworks. $39,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, Okla., engrs. Noted Sept. 17.

Tex., Wellington—Plans waterworks $60,000. Devlin Eng. Co., Amarillo, engrs.

Okla., Red Fork — See "Contracts Awarded."

BIDS RECEIVED

N. Y., Buffalo—City, steam heating for filter plant, Contr. 24, from Chippewa Plumbing Co., 80 College St., $20,490; and electric wiring and apparatus, Contr. 26, from Bison Electrical Co., Inc., 256 Pearl St., $14,964. Noted Sept. 3 under "Unclassified."

N. Y., Thomson — R. K. Fuller, comr. Canals & Waterways, 55 Lancaster St., Albany, Sept. 25, excavating approach chan-

Waterworks (Continued)

nel to barge canal terminal dock, Terminal Contr. 34-D, from J. W. Holler, Inc., Ft. Edward, $26,360. Engrs. est. $31,720. Noted Sept. 3.

Okla., Holdenville — J. Kirk, city clk., Sept. 15, waterworks improvements, incl. 4 motor driven pumps, 25,800 ft. 6- to 15-in. c.i. mains, etc., in various streets, from T. H. White, 1321 West 19th St., Oklahoma City, $116,933. Engrs. est. $128,000. Noted Sept. 10.

Wash., Seattle—Bd. Pub. Wks., Sept. 11, from Fiorito Bros., 3950 6th St. N. W., mains in Hines St. et al., 105 ft. 4 in. Class "A" c.i. pipe at $1 per ft., 20 ft. 6 in. Class "C" $1.60, 60 ft. 8 in. Class "B" $1.90, 360 ft. 8 in. Class "C" $2, 1,025 ft. 30 in. Class "B" $11.60, 8,600 ft. 30 in. Class "C" $13.50, etc., total $150,001. Engrs. est. $160,881. Noted Sept. 3.

CONTRACTS AWARDED

Mass., Falmouth—Dept. Pub. Wks., Div. Waterways, Boston, dredging about 22,500 cu.yd. material, and removing 100 tons boulders in West Falmouth Harbor, to Bay State Dredging & Contg. Co., 62 Condor St., East Boston, $11,175. Noted Sept. 17.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, mains, etc., in Arlington, Barkley, Castle Hill, Edison, Edson, Griswold, Hering, Hone, Hunter, Husson, Liebig, Lodovick, Miles, Paulding, Pilgrim, Randall, Rhinelander, Roberts, Seymour and Story Aves., etc., to Norton Eng. & Constr. Co., Inc., 510 West 149th St., $15,000. Noted Sept. 24.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Contr. 764, to P. and A. J. Ellis, 4th St. below Wyoming St., $49,083; Contr. 771, to Acme Machine Co., 316 North 17th St., $940; Contr. 772, to J. R. Fox, Jr., 1040 Bridge St., $4,500; Contr. 773, to M. J. McCrudden, 1134 Real Estate Bldg., $11,890; and Contr. 774, to Michigan Valve Co., 4508 North 8th St., $2,640. Grand total $69,053. Noted Sept. 17.

O., Cleveland—See "Sewers."

O., Columbus—Franklin Co., 9,750 ft. 6 and 10 in. c.i. mains in Sewer Dist. Marion 3, Contr. 80, to H. E. Miller Contg. Co., 938 South High St., $17,854.

O., Columbus—See "Streets and Roads."

O., Maple Heights (mail Cleveland) — Mains in Maple Heights Blvd., Camden, Gardenview, Milan and Raymond Aves., to Curro & Whittaker, 12208 Mayfield Rd., Cleveland, $17,052; in Maple Heights Blvd., Hollywood and Clement Aves., to Hadded-Mall Co., Schofield Bldg., Cleveland, $19,446.

Mich., Birmingham—Quarton Lakes Estates, 13,500 ft. 6- to 8-in. c.i. pipe to Coolsaet Bros., 12738 Michigan Ave., Detroit, $26,597; 11,000 ft. 8- to 15-in. sanitary sewers in various streets, to J. E. Steyers, 1257 Book Bldg., Detroit, $18,643; concrete sidewalks on 140,000 sq.ft. various streets, to Otis Cement Constr. Co., 806 Hammond Bldg., $20,098; grading 7,000 lin. ft. roadways, to Hill Bros., Detroit, $6,842. Grand total $72,180. Noted Sept. 17.

Mich., Detroit—Bd. Water Comrs., 176 East Jefferson Ave., 6- to 12-in. mains in 19 streets, to L. J. Clancy, 3137 Canton Ave., $15,541. Noted Sept. 24.

Wis., Fond du Lac—City, to Natl. Cast Iron Pipe Co., 122 South Michigan Ave., Chicago, Ill., 11,300 ft. 6 in. c.i. pipe at $0.8135 per ft., and 3,000 ft. 4 in. c.i. pipe at $56.50 per ton, etc.

Tex., Megargel — Archer Co. complete waterworks system, to Douglas & Mitchell, c/o Ward Bldg., Wichita Falls, $40,000.

Okla., Davenport—New waterworks, incl. well, tank, 15,600 ft. 4- to 8-in. c.i. mains, etc., to Western Constr. Co., 1116 West Main St., Oklahoma City, $31,200. Engrs. est. $35,000. Noted Sept. 10.

Okla., Red Fork—City will install waterworks and distribution system by day labor; pipes, to U. S. Cast Iron Pipe Co., East Burlington, N. J.; other supplies, to Mid West Pipe & Supply Co., 1452 South 2nd St., St. Louis, Mo. and Tulsa City Water Dept., Tulsa, Okla. Engrs. est. $65,000. Noted Sept. 10.

Wash., Seattle—Bd. Pub. Wks., completing remaining 368 ft. Lake Youngs water tunnel, to J. M. Clapp, Burke Bldg., $292,660.

Sewers

PROPOSED WORK

Mass., Quincy (Boston P. O.) — Plans sewer extensions in various streets. $30,000. Private plans. Noted June 22.

La., Thibodaux—Election Oct. 6, $30,000 bonds for sewers, pumping plant, etc. Address Mayor.

O., Ravenna — Portage Co., plans sanitary sewer in Aurora Land Co. Dist. $65,000-$75,000.

Mich., Detroit—Dept. Pub. Wks. making plans 2,686 ft. 5½ to 3½ ft. brick or concrete cylinder sewer in Six Mile Rd. Sect. 10, in Six Mile Rd. from Wyoming to Meyers Rds. P. A. Fellows, city engr.

Mich., Detroit—Dept. Pub. Wks. making plans 2,542 ft. 4½ to 3 ft. cylinder sewer in Bedford Rd. Sect. 4, in Whittier Ave. from Somerset to Whitehall Sts. P. A. Fellows, city engr.

Ill., Rockford—See "Streets and Roads."

Kan., Rossville—Election Oct. 3, $30,000 bonds, in various streets. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Tex., Anson—Takes bids about Oct. 10, extending sewerage system. $51,000. Municipal Engineering Co., 602 Praetorian Bldg., Dallas, engrs. Noted Sept. 3.

Tex., Corpus Christi — Voted $250,000 bonds, additional sewer mains, disposal plant, etc. H. Levinson, city engr.

Tex., Fort Worth—City, O. E. Carr, city mgr., soon takes bids storm sewers in Cantey and Lake Sts. near intersection of Daggetts and Denver Sts., near Park Ave. $35,000. D. L. Lewis, city engr.

Tex., Frost—Soon takes bids waterworks improvements. $65,000. H. B. McAllister, 1315 North 12th St., Waco, engr.

Okla., Enid — Voted $25,000 bonds, improvements to sewerage system and disposal plant. F. C. Magruder, city engr.

Ont., Forest Hills—Made plans approximately 10 mi. vitr. tile sanitary and storm sewers in all streets. $300,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., Toronto — East York Twp. plans 2,243 ft. 12- to 27-in. vitr. tile and concrete sewers in Don Mills Rd., Hopedale and Gowan Aves., $40,931. G. R. Jack, 443 Sammon Ave., engr.

Ont., Toronto—York Twp. plans 4,250 ft. 12 in., etc., vitr. tile sewers in Dynevor and Ennerdale Rds. $27,500. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—York Twp. plans 900 ft. 8- to 12-in. vitr. tile sewer in French Ave. $3,950; 500 ft. in Northcliff Blvd. $2,060; 400 ft. Ronald Ave., 400 ft. Short St., and 650 ft. Ramsden Ave. $7,777; 500 ft. Stubbins Ave., 650 ft. Daisy Ave., 650 ft. Jillson Ave., 1,180 ft. Willard Ave., 550 ft. Priscilla Ave., $19,600; 500 ft. Westmount Ave. $3,950. F. B. Goedike, 40 Jarvis St., engr.

BIDS DESIRED

Conn., Hamden (br. of New Haven)—Oct. 5, by Town, 3,000 lin.ft. 8 in. tile and 3,500 lin ft. 12 in. sewer, etc., in Dixwell Ave. and vicinity, between Pershing and Benham Sts. $25,000.

N. Y., Buffalo — Oct. 23, by Bd. Pub. Wks., Hamburg Canal Drain, 13 x 16 ft., rein.-con. $200,000. C. E. P. Babcock, Municipal Bldg., engr. Noted Sept. 17.

N. Y., East Syracuse—Oct. 15, by Village Bd. Sewer Comrs., North Center St., constructing intercepting sewer and disposal plant. A. G. Card, village engr.; adv. E. N.-R. Oct. 1.

N. Y., Long Island City—Oct. 6, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers, etc. in Rowan Ave. and Bway.; grading, sewers, etc. in Sherwood St., Polk and Rowan Aves.

N. Y., Long Island City—Oct. 7, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sanitary trunk sewer, etc. in Amstel Ave., Far Rockaway Blvd. and Beach 32nd St.

Pa., Southmont (Johnstown P. O.)—Oct. 12, by Boro Council, R. G. Wertz, boro secy., c/o 809 Johnstown Trust Bldg., Johnstown, 2,000 ft. sanitary sewers, etc., in various streets. $40,000. S. E. Dickey & Co., 809 Johnstown Trust Bldg., Johnstown, engrs.

Pa., Williamsport — Oct. 6, by City Council, C. L. Jones, supt. and B. C. Houck, city clk., 4,000 ft. 8- and 12-in. monolithic rein.-con. box storm sewer, etc. in Prospect and Wayne Aves., Market and Linn Sts. L. Mussina, City engr.

Md., Baltimore—Oct. 7, by Bd. Awards, constructing Run Interceptor, Sect. 3, in Sewer Dist. H-13, Sanitary Contr. 266, 3,100 lin.ft. 38 x 48 in. brick and concrete sewer, 1,600 lin.ft. 8 in. and 1,500 ft. 6 in. underdrain, etc. M. J. Ruark, 311 Courtland St., sewage engr.

S. C., Jonesville—Oct. 8, by Town, Town Hall, water and sewerage system and small disposal plant. W. H. Booker, Charlotte, engr.

Ala., Birmingham — Oct. 15, by City Comn., constructing brick and concrete storm sewer, in 10 blocks 41st St. (Avondale). $145,000.

O., Cleveland—Oct. 7, by City, sewers in Rocky River Drive S. W., Sects. 1 and 2, Broadview Rd., Superior Ave., and East 130th St. To exceed $100,000. R. Hoffman, City Hall, engr.

O., Cleveland — Oct. 28, at office A. K. Hoare, comr. Purchases & Supplies, Room 226 City Hall, constructing Southerly Sewage Treatment Works. G. B. Gascoigne, Leader-News Bldg., consult. engr.; adv. E. N.-R. Oct. 1.

O., Medina—Oct. 5, by Comrs. Medina Co., sewers and water mains in Briarwood Dist. To exceed $25,000. R. F. MacDowell Co., 1770 East 11th St., Cleveland, engrs.

O., Willow (mail South Park)—Oct. 28, by City of Cleveland, sewage disposal plant, here. $2,300,000. G. B. Gascoigne, Leader-News Bldg., engr.

Ind., Evansville — Oct. 14, by Bd. Pub. Wks., W. F. Wunderlich, clk., constructing Howard Roosa Sewer; adv. E. N.-R. Oct. 1.

Mo., University (Ind. branch of St. Louis) —Oct. 7, by City Clerk, several miles 6- to 21-in. sanitary sewers, etc. in North and South Joint Sewer Dist. $33,000. W. A. Heimbuecher, City Hall, engr.

BIDS RECEIVED

N. Y., Buffalo—City, Sept. 18, constructing 15- to 20-in. dry weather flow sewer in lower terrace, Erie and Lock Sts. and Lower Terrace between Church and Pearl Sts., also 10 and 12 in. tile sewer in Mechanic St., and 10 in. in Charles and Henry Sts., between Lower Terrace and Erie Canal, from L. Di Pasquale, 126 Erie St., $57,900.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Municipal Bldg., Crotona Park, Tremont and 3rd Aves., Sept. 22, sewer, etc. in Cornell Ave., etc., from Spad Arrow, Inc., 169th St. and Harlem River, $612,570, in Potter Pl., etc., from A. Gregorio & Co., Inc., 1121 Nelson Ave., $114,650. Noted Sept. 17.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., North Side Sewerage Treatment Project, Div. I., centrifugal pumping equipment, incl. four 8,100 gal. capacity sludge return pumping units, two 1,000 gal. capacity waste sludge pumping unit and appurtenances, complete, from Amer. Well Wks., 112 North Bway., Aurora, $31,590; Div. O, 85 gang operated disconnecting switch mechanisms, with appurtenances, etc., from Delta Star Electrical Co., 2437 Fulton St., Chicago. $22,900. Noted July 9.

Calif., Los Angeles—Sewers in 15,000 ft. M St. between Call and Goodrich Aves., from P. J. Akmadzick, 821 Yale St., $45,913, engrs. est. $62,058; 10,000 ft. Ashmore Pl. from M. J. Simonovich, 916 Depot St., $15,643, engrs. est. $15,797; and 5,000 ft. Springvale St., from H. R. Erdman, 210 North Wilson St. $9,378, engrs. est. $9,556.

CONTRACTS AWARDED

O., Cleveland—For 3,758 ft. 5 ft. concrete intercepting sewer in Big Creek, to Donnelly-Milter Constr. Co., 1251 East 84th St., $107,160. Noted Sept. 10.

O., Cleveland — Cuyahoga Co., 6,700 ft., 8- to 54-in. concrete sewers in Impvt. 700, to Langahan Constr. Co., Marshall Bldg., $103,691. Noted Sept. 24.

O., Cleveland—Cuyahoga Co., sewers in Impvt. 97, to Gantose Constr. Co., Columbia Bldg.; and watermains in impvt. 353, to George & Ameen Co., Erie Bldg., $11,071. Noted Sept. 10.

O., Columbus—See "Streets and Roads."

O., Maple Heights (mail Cleveland) — Sewers in Camden, Gardenview and Maplewood Aves., to Curro & Whittaker, 12208 Mayfield Rd., Cleveland, $15,920; in Clement, Edgewood and Waterbury Aves., to Hadded-Mall Co., Schofield Bldg., Cleveland, $13,570. Noted June 18.

Mich., Birmingham—See "Waterworks."

Mich., Detroit—Dept. Pub. Wks., 2,399 ft. Connors Creek Sewerage System, Outlet Sect., to G. R. Cooke Co., 1260 Penobscot Bldg., $814,969. Noted Sept. 10.

Mich., Grand Rapids—Director Pub. Service, Comn. Room, City Hall, Bway. Ave. Relief Sewer, Contr. R-3, to C. A. Handeyside Constr. Co., 1758 Penobscot Bldg., Detroit, $161,961. Noted Sept. 3.

Ill., Rockford—Bd. Local Impvts., grading, improving 18th St. and 13th Ave., 10,220 lin.ft. integral concrete curbing, 5,645 cu.yd. earth excav., 17,175 sq.yd. each grading and concrete paving, 4,065 lin.ft. 8- to 27-in. concrete sewer pipe, to Milburn Bros. Co., 18th and Charles Sts., $65,000. Engrs. est. $74,500.

Ill., Taylorville — Taylorville Sanitary Dist., sewers in various streets, 1,450 ft. 72 in. and 1,300 ft. 54 in. monolithic concrete or segmental block, and 8,416 ft. 18 in. vitr. clay pipe, 220 manholes, etc., to Gjellefald-Chapman Constr. Co., Forest City, Ia., $90,381. Noted Sept. 3.

Ia., Council Bluffs—For 12,575 ft. 15- to 48-in. concrete bell type sewers, etc. in various streets, to H. J. Peterson Co., 402 Federal Reserve Bldg., Omaha, Neb., $74,273. Engrs. est. $96,000. Noted Aug. 6.

Sewers (Continued)

Okla., Depew—For 7,500 ft. 6- to 10-in. vitr. clay sanitary lateral sewers, etc. in Sewer Dist. 1, to J. Tibbey, 1121 West 31st St., Oklahoma City, $29,600. Engrs. est. $32,000.

Okla., Holdenville — Improvements to sewerage system, incl. 12,500 ft. 8- to 15-in. vitr. clay pipe, 2 sewage disposal plants, Imhoff tanks, etc., to Park & Moran, 210 South Seminole St., Okmulgee, $83,354. Engrs. est. $93,000. Noted Sept. 10.

Co'o., Denver—Sanitary sewer in Special Sewer Dist. in Section of North Highlands, to Gordon Constr. Co., Barclay Bldg., $76,433. Noted June 11.

Ont., Toronto—East York Twp., 3,031 ft. 48 in. diam. and 923 ft. 54 in. diam. concrete trunk sewer in 2nd Ave., to Nelson River Constr. Co., Bank of Hamilton Bldg., $89,300. Engrs. est. $70,000. Noted Sept. 24.

Waste Disposal

PROPOSED WORK

Mass., Everett (Boston P. O.)—City, F. P. Greenwood, chn. com., 23 Ferry St., plans incinerator plant.

BIDS DESIRED

Fla., Lakeland — Oct. 13, by City, A. Schneider, city mgr., garbage incinerator, of 40 ton capacity in 10 hrs. C. C. Brown, city mgr.; adv. E. N.-R. Oct. 1.

Mich., Iron Mountain—Oct. 19, by H. C. Lindholm, city clk., rebuilding garbage incinerator, incl. 2 new units, chimney, etc. F. W. Hartmann, city engr.

Bridges

PROPOSED WORK

Fla., Tampa—A. J. Simms & Co., Citizens Exch. Bldg., plans bridge over Hillsborough River, at Michigan Ave. $350,000. N. S. Sprague, 1011 Bessemer Bldg., Pittsburgh, Pa., engr.

Miss., Vicksburg—State Hy. Dept., Jackson, soon takes bids steel and concrete bridge on creosoted timber approaches ¼ mi. long across Yazoo River at Snyders Bluff, near here. $250,000. H. H. Henry, highway comr.

Ill., Chicago — Soon takes bids superstructure 187 ft. double leaf bascule bridge, 62 ft. over south branch Chicago River at Adams St. T. G. Phlfeldt, City Hall, engr. Noted Aug. 20.

Kan., Ottawa — Making plans 240 ft. rein.-con. and steel bridge, 40 ft., over Madrias des Cygnes River, at Main St., to replace present steel and timber bridge. $100,000. M. O. Myers, city engr. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., consult. engrs.

Missouri — State Hy. Dept., Jefferson City, making plans one 40 ft. rein.-con. deck girder span, etc., over Arthur Creek, Texas Co.; four 45 ft. rein.-con. deck girder spans, etc., over Dr Valley, and one 45 ft. rein.-con. deck girder span, etc., over Holt Creek, both in Dent Co.; three 30 ft. rein.-con. deck girder spans, etc., over Red Creek, and one 35 ft. rein.-con. deck girder span, etc., over Missouri Pacific R.R. tracks, both in Iron Co.; two 10 ft. rein.-con. slab spans, etc., over stream, Madison Co.; three 20 ft. rein.-con. slab spans, etc., over White Comb Creek, Lincoln Co.; one 24 ft. rein.-con. slab span and one 35 ft. rein.-con. deck girder span, etc., over Breton Creek, one 80 ft. steel truss span, etc., over Cedar Creek, and three 80 ft. steel truss spans, etc., over Big River, all foregoing in Washington Co.; one 16 ft. and two 14 ft. rein.-con. slab spans, etc., over Ragdan Slough, one 18 ft. and two 16 ft. concrete slab spans, etc., over Varney River D. D., one 24 ft. and two 20 ft. rein.-con. slab spans, etc., over drainage ditch, and thirty 20 ft. I-beam spans, etc., over Francis River, all foregoing in Dunklin Co.; four 35 ft. rein.-con. deck girder spans, etc., over Bryant Creek, Douglas Co., one 80 ft. steel truss span, etc., over Sulphur Creek, Howard Co.; five 90 ft. rein.-con. arch spans, etc., over middle fork Black River, Reynolds Co.; three 20 ft. I-beam spans, etc., on road route 16 to Big Lake, Mississippi Co.; one 120 ft. steel truss span, etc., over Black River, three 16 ft. rein.-con. slab spans, etc., on Sta. 224 plus 24, three 20 ft. rein.-con. slab spans, etc., on Sta. 39 plus 85, three 20 ft. rein.-con. slab spans, etc., on Sta. 247 plus 65, three 24 ft. rein.-con. slab spans, etc., on Sta. 664 plus 30, ore 40 ft. and two 30 ft. rein.-con. deck girder spans, etc., on Sta. 615 plus 00, and three 25 ft. rein.-con. deck girder spans, etc., on Sta. 564 plus 70, all foregoing in Butler Co. B. H. Piepmeier, highway engr.

Tex., Carthage—See "Streets and Roads."

Tex., Del Rio—Texas—Coahuila Bridge Co., Eagle Pass, making plans rein.-con. and steel bridge over Rio Grande River, near here. $200,000. Private plans.

Tex., Eagle Pass — Texas — Coahuila Bridge Co., making plans rein.-con. and steel bridge across Rio Grande River, near here. $125,000. Private plans.

Tex., La Grange — See "Streets and Roads."

Tex., San Antonio — Bexar Co. voted $600,000 bonds, for 3 bridges. A. C. Pancoast, 102 Turner St., co. engr. Noted Aug. 27.

BIDS DESIRED

Mass., Southwick—Oct. 6, by Dept. Pub. Wks., Boston, reconstructing concrete bridge on section highway, here. $25,000. W. F. Williams, comr.

R. I., Providence—Oct. 7, at office State Bd. Pub. Rds., State House, State Bridges 28, 60, 72 and 203; adv. E. N.-R. Oct. 1.

W. Va., Wayne — See "Streets and Roads."

North Carolina—Oct. 13, by State Hy. Comn., Raleigh, rein.-con. bridges and culverts on Project 241, Johnston Co., $28,000; on Project 394, Robeson Co., $94,000; on Project 745, Forsyth Co., $42,300; on Project 523, Davidson Co., $32,000; on Project 753-B, Stokes Co., $40,000; on Project 347, Cumberland Co., $34,000; and on Project 948, Haywood Co., $37,000. C. M. Upham, highway engr.

South Carolina—Oct. 20, by Dept. Highways, Columbia, six 15 ft. span treated timber bridges over South Edisto River, Barnwell-Orangeburg Co., on State Route 1, Federal Aid Project 262, A. T. Brown, Scovill Bldg., Orangeburg, engr.; also 1,421 ft. bridge, incl. twenty-six 35 ft. rein.-con. spans on concrete bents and three 168 ft. steel trusses on concrete piers, incl. 358,459 lb. reniforcing, on State Route 9, Federal Aid Project 269, known as Catawba River Bridge, Chester-Lancaster Counties, State Hy. Engineer, Columbia, engr.

Fla., Miami—Oct. 27, at office Shorland Co., 125-127 East Flagler St., 2 rein.-con. bridges, one double leaf bascule draw bridge, 2,000 ft. long, across north end of Biscayne Bay, Dade Co., known as bridge section of Miami Shores Causeway. H. Stanley, 105 Northeast 2nd Ave., consult. engr.; adv. E. N.-R. Oct. 1.

Ala., Birmingham—Oct. 5, by Southern Ry. Co., 1300 Pennsylvania Ave., Wash., D. C., 400 ft. concrete viaduct, 60 ft., over railroad tracks, at 24th St., here, for City and Southern Ry. Co. $350,000. B. Herman, 1300 Pennsylvania Ave., Wash., D. C., ch. engr.

Kan., Emporia — Oct. 16, by C. G. Whitaker, clk. Lyon Co., two 140 ft. rein.-con. and steel bridge, 20 ft. or two 140 ft. through arch span bridge over Neosho River, near here, also grading 0.489 mi. road 28 ft. W. S. Ruggles, Emporia, and A. T. Patterson, Burlington, engrs. Noted March 12.

Mo., Hermann—Oct. 6, by M. Neumann, Jr., clk. Gasconade Co., three span 240 ft. steel truss bridge, etc., over Bourbois River, on Owensville-Cuba Rd. J. C. Danuser, Court House, engr.

Texas and Oklahoma—Oct. 23, by E. P. Walsh, aud. Wichita Co., Wichita Falls, Tex., rein.-con. bridge over Red River, on Federal Aid Project 491, between Burkburnett, Tex., and Randlett, Okla.; adv. E. N.-R. Oct. 1.

Tex., Houston—Oct. 19, by City and Harris Co., at office City Secretary, 1 single leaf bascule steel span bridge across Houston Ship Channel, near 69th St. O. F. Holcombe, mayor. H. L. Washburn, co. aud.

BIDS RECEIVED

Maine—State Hy. Comn., Augusta, from Cyr Bros. Co., Waterville, rein.-con. bridges on section highway in Newfield $8,572, in Carmel $11,282, in Phillip $10,723, in Mechanic Falls $10,001; from Ulric Metizler, Rumford, 2 rein.-con. bridges in Peru $8,233 and $4,172 respectively; from Ames Constr. Co., Somersworth, N. H., rein.-con. bridge in Newfield, $4,172.

New Hampshire — See "Streets and Roads."

Tex., Barstow—See "Streets and Roads."

Wash., Hoquiam — City Comn., Sept. 9, 40 ft. span, hand operated bascule bridge over Little Hoquiam River, from Puget Sound Bridge & Dredging Co., Central Bldg., Seattle, $31,758. Noted Aug. 27.

CONTRACTS AWARDED

Vermont—Dept. Highways, State House, Montpelier, 130 ft. concrete arch open spandrel type bridge with concrete trestle approaches, incl. 158,000 lb. reinforc... etc., to Hoyt Constr. Co., Holyoke, M... $44,733.

Mass., Lowell—City, rein.-con. bridge ... approaches on Bridge St., to B. H. Wi... Co., 150 Market St., $21,972. Engrs. ... $25,000. Noted Aug. 13.

Fla., Boca Raton—Mizner Developm... Corp., A. Mizner, pres., Palm Beach, 4... steel and gunite covered double bas... bridge across Florida East Coast Canal ... necting Camino Real with Ocean Blvd., ... constructing Camino Real from Dixie Hi... way to Sect. 26, etc., here, to Dwight ... Robinson Co., 125 East 46th St., New Y... City.

Ky., Cadiz—State Hy. Dept., Frankf..., 190 ft. steel span bridge over Little Riv... on Federal Aid Project 11-C-B, Trigg C... here, to Farris Bridge Co., 3rd Natl. Ba... Bldg., Cumberland, Md., $35,470.

Ill., Chicago — City, substructure 187 ft. double leaf bascule bridge, 62 ft. over south branch Chicago River, at Adams St., to Fitzsimmons & Connell, Dredge & Dock Co., 10 South La Salle St., $405,250. Engrs. est. $420,000. Noted Aug. 20.

Kan., Hutchinson—Reno Co., two 48 ft. span deck girder bridge, 20 to 24 ft. roadway, etc. over 4th Ave., on Project 27-J, to Tomlinson Bridge & Supply Co., Hutchinson, $53,346. Noted Aug. 27.

Kan., Reno — Hutchinson Co., ten 45 ft. span concrete deck girder bridge, at 4th Ave., to Tomlinson Bridge & Supply Co., Hutchinson, $53,346. Engrs. est. $82,276.

Tex., Orange—Orange Co. and Louisiana Hy. Comn., Baton Rouge, La., 1.3 mi. timber pile trestle bridge approach (on Louisiana side only), for bridge across Sabine River, on Highway 3, near here, to W. H. Smith, Beaumont, $175,000. Noted Sept. 17.

Oklahoma — State Hy. Dept., Oklahoma City, 2 span 180 ft. steel truss bridge on concrete piers, 11.3 tons reinforcing, 32,700 ft. wooden piling, etc., at Clinton, Custer Co., to Kansas City Bridge Co., 809 West Grand St., Oklahoma City, $30,927, engrs. est. $35,000; 2 span 210 ft. steel truss bridge on concrete piers, 14.4 tons reinforcing, etc., at Guthrie, Logan Co., to Stone & Johnston, Perry, $25,534, engrs. est. $30,000. Noted Sept. 10.

Washington—State Hy. Dept., Olympia, to L. Romano Co., 123 23rd St. S., Seattle, constructing two 150 ft. steel through trusses and 140 ft. rein.-con. T-beam approaches over Puyallup River, on State Rd. 5, Pierce Co., 1,900 cu.yd. excav. at $5 per cu.yd., 375 cu.yd. Class A concrete $20, 585 cu.yd. Class B and C concrete $17, 225 cu. yd. Class E concrete $16, 95,000 lb. reinforcing $0.05, 374,000 lb. structural steel $0.06, etc., total $63,845. Noted Aug. 27.

Calif., Oakland—Alameda Co., rein.-con. bridge over San Lorenzo Creek, at Hazel Ave., to H. W. Rohl, 624 Market St., San Francisco, $33,503. Noted July 23.

Dams

PROPOSED WORK

Mass., Monroe (mail Readsboro, Vt.)—See "Buildings—Industrial."

Tex., Pearsall — See "Excavation, Drainage, Irrigation, Levees."

Railways

PROPOSED WORK

New Jersey — Phila. & Reading R.R., S. T. Wagner, ch. engr., Reading Terminal Sta., Phila., plans improving freight yards, also new tracks and concrete drives, here. $25,000. Private plans.

Ohio—Baltimore & Ohio R.R. Co., Baltimore and Charles Sts., Baltimore, Md., H. A. Lane, ch. engr., plans double tracking between Sterling and Warwick Sts., in Doylestown, here. $600,000.

BIDS DESIRED

Massachusetts—See "Contracts Awarded."

CONTRACTS AWARDED

Massachusetts—Boston Elevated Ry. Co., Park Sq. Bldg., Boston, will build new railroad track from Medford-Somerville line to Ellis Ave., South Medford, also rein.-con. pavement between rails, by day labor. To exceed $25,000. Private plans.

Ontario—York Transportation System, 40 Jarvis St., Toronto, 9 in. concrete base for 2 mi. double track electric street railway from Toronto to Weston, to Johnson Bros. Ltd., 43½ Market St., Brantford, about $200,000.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Tex., El Paso—El Paso Co. election soon $1,500,000 bonds, irrigating approximately 35,000 acres. R. Hartwell, mgr. project.

Tex., Pearsall — Frio Co. Irrigation Dist. election soon $5,000,000 bonds, to irrigate approximately 50,000 acres, also constructing 2 dams, one acress Frio and other across Leona Rivers.

Tex., Port Arthur — Soon takes bids dredging slip in Sabine-Neches ship channel for vessels in local waters. $100,000. J. O. Herpin, Port Arthur, engr.

BIDS DESIRED

Ill., Bloomington—Oct. 3, at office Hall & Martin, Hoose & Depew, Unity Bldg., by Comrs. Sub. Dist. 1, Sangamon River D. D., McLean Co., 72,350 ft. 8- to 24-in. tile, 2 concrete headwalls incl. 10 cu.yd. concrete each, etc. Taylor & Waltman, Unity Bldg., engrs.

Ill., Decatur—Oct. 12, by Comrs. Illinois Special D. D., Macon and Logan Counties, at office C. H. Patterson, clk., Court House, cleaning, deepening and widening 22,100 ft. main open ditch, removing 159,239 cu.yd. earth, and digging 10,300 ft. new ditch, 134,484 cu.yd. excav., etc. Goodall & Millard, Beardstown, engrs.

Tex., Brownsville — Jan. 1, by Cameron Co., O. C. Dancey, judge, earth work and structures for flood prevention. $1,000,000.

N. S., Port Mouton — Oct. 6, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, Ont., dredging here. $15,000.

BIDS RECEIVED

Tex., Edinburg—Hidalgo Co. Flood Prevention Dist., 65 mi. levees to control flood waters along Sardinas Resaca from Rio Grande to Cameron Co. line, 5,500,000 yd. dirt work, etc., to W. L. Pearson & Co., McAllen, $914,706. Noted May 28.

Calif., Vista — Vista Irrigation Dist. 2 circular concrete reservoirs, 100 ft. diam. for A and C laterals, also 3 for E-1, E-12, and F laterals, from D. H. Ryan, 215 6th St., San Diego, $15,182 and $21,484 respectively; also earth fill dam, 83,000 cu.yd. embankment, from L. J. Turner, 205 East 1st St., Long Beach, $52,565. Noted Sept. 18, 1924.

CONTRACTS AWARDED

Wis., Milwaukee—E. Brielmaier & Sons plain foundation, Center St., to E. Radtke, archts., 432 Bway., excavation for 4 story and basement, 75 x 100 ft., brick addition, 1405 Louis Ave., for St. Marys Convent, 3502 Center St. Noted Sept. 17.

Ia., Sidney — Fremont Co., for Nishnabotna D. D. 6, main ditch and laterals, incl. 1,226,000 cu.yd. excav., to Reese Constr. Co., Sidney, $85,000.

Streets and Roads

PROPOSED WORK

Mass., Boston — Making plans widening and reconstructing Arlington St. (Park Sq. section end). $500,000. J. F. Sullivan, secy. Street Layingout Dept.

Mass., Boston — Making plans granite block repaving Pemberton Sq. $25,000. J. F. Sullivan, secy. Street Layingout Dept.

Mass., Melrose—Plans extending Greenwood St. and reconstructing Belmont Park, connecting to Lynn Fells Parkway. $25,000. Noted July 16.

R. I., Providence — Plans reconstructing Whitford Ave., Sisson and Killingly Sts. $25,000. W. F. Slade, comr. Dept. Pub. Wks.

New Jersey — State Hy. Dept., Trenton, making plans concrete paving South Amboy Cliffwood Rd., in South Amboy, Middlesex Co. (New Brunswick). W. G. Sloan, highway engr.

N. J., Asbury Park—City Comn. plans grading and graveling, etc., Dunlewet St., 4th, Central, Prospect, Drummond, Ridge and 3rd Aves. $75,000. N. Rogers, city engr. Noted July 16.

N. J., Camden—Centre Twp. Com. Camden Co., plain asphaltic concrete paving Bway. and Browning Lane. $57,000. B. M. Schumucker, Haddon Heights, engr.

N. J., Lavallette — Boro. plans grading and graveling New Brunswick, Ortley and Brown Aves. $35,000. Engineer not selected.

N. J., Metuchen — Middlesex Co. (new Brunswick) plans repaving Main St. $45,000. Address Common Council. Engineer not selected.

Fla., Panama City — Election Sept. 29, $150,000 bonds constructing various streets. D. Gillis, mayor.

Miss., Gulfport — Harrison Co. making surveys paving, etc. 17.5 mi. Magnolia Route from point 3.5 mi. north of here, to Stone Co. line. W. S. Hawkins, Gulfport, engr.

Miss., Winona—Montgomery Co. defeated $75,000 bonds, for roads in Beats 4 and 5. Noted Sept. 3.

La., Cedar Grove—Election soon $90,000 bonds permanent paving 15 blocks various streets. C. D. Evans, 309 Levy Bldg., Shreveport, city engr.

La., Thibodaux—Election Oct. 6, $75,000 bonds, rein.-con. sidewalks and hardpaving 12 blocks business streets. Address Mayor.

La., Vidalia—Concordia Parish soon takes bids grading and graveling road from Wildsville to Monterey, $75,000; road encircling Lake St. John, $25,000; and in Deer Park Section, $50,000.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 20 mi. Decatur-Kingston Rd., Meigs Co. J. G. Creveling, highway comr.

O., Columbus — Making plans grading, laying necessary water mains and sewer connections and paving 1,359 ft. Mooberry St., 24 ft., brick $75,908, asphalt $10,379. R. H. Simpson, city engr.

Mich., Detroit—Made plans grading, berea or concrete curbing, and 3½ in. sheet asphalt on 8 in. concrete paving 4,100 sq.yd. Julian St. from Livernois to Prairie Sts., 2,490 sq. yd. Medina St. from Cary to West Jefferson Sts., 4,190 sq.yd. Washburn St. from Plymouth to Grand River Sts., 1,310 sq.yd. Fortune St. from Mackee to Sire Sts., 5,500 sq.yd. Cecil St. from Wagner to Burwell Sts., 83,100 sq.yd. Prairie St. from Warren to Tireman Sts., 2,000 sq.yd. Reid St. from West Jefferson to Holly Sts., 2,090 sq.yd. Kentucky St. from Keeler to Midland Sts., 4,010 sq.yd. Constance St. from Livernois to Prairie Sts., 6,200 sq.yd. Pinehurst St. from Buena Vista to Schoolcraft Sts., 60,000 sq. yd. Sects. 1 and 2, Mount Elliott St., 3,530 sq.yd. Holmes St. from Vernor to Proctor Sts., 2,200 sq.yd. Larkins St. from Kirkwood to Burwell Sts., 3,220 sq.yd. Chopin St. from Kirkwood to Venor Sts., and 6,670 sq.yd. Byron St. from Boston to Webb Sts. P. A. Fellows, city engr.

Ill., Canton — Bd. Supervs. Fulton Co. plans grading and rein.-con. surfacing 1.5 mi. Sect. X-15-D, connecting with West Vine St. and extending into county, 16 ft. $36,540. E. F. Motsinger, City Hall, engr.

Ill., Chicago — Bd. Local Impvts., Room 207, City Hall, takes bids after Oct. 5, improving 1,400 ft. South Water St., Sects. 5-B-C-7 and 8 from west line La Salle St. to east line State St., 135 ft., incl. concrete substructures, superstructures, docks, retaining walls, etc. $2,100,000. T. A. Evans, 160 North La Salle St., engr.

Ill., Rockford — Winnebago Co. plans grading, curbing and 18 ft. slab rein.-con. surfacing 1.5 mi. 14th Ave. Rd., 30 ft. $45,000. A. C. Carter, Court House, engr.

Ill., Rockford—Plans grading, curbing and concrete surfacing, etc., 4 blocks Benderwirt Ave., Regan St., Lakin Terrace and alley between Jackson and Crosby Sts.; also sewers in 20th St. and 14th Ave., $38,870. B. C. Harvey, City Hall, engr.

Ill., Staunton—State Hy. Dept., Springfield, making preliminary plans grading, curbing and concrete surfacing 4 mi. road here, 18 ft. and city plans paving strip on each side of above making width 30 ft. $100,000 or more. W. A. Fuller Co., 1917 Railway Exch. Bldg., St. Louis, Mo., engrs.

Minn., St. Paul — Ramsey Co. making plans paving, etc., approximately 8 mi. Sibley Memorial Highway, Ramsey and Scott Counties. $250,000. P. N. Coates, 900 Guardian Life Bldg., engr.

Kan., Paola—Making preliminary plans grading, curbing, brick, concrete or asphalt surfacing 9 blocks various streets. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Kan., Wellington—Sumner Co. soon takes bids sand clay surfacing 11.899 mi. Coal Oil Highway, 18 ft., Federal Aid Project 323-A. H. A. Marshall, 111 Stephens St., Topeka, consult. engr. J. N. Marty, Wellington, co. engr.

Missouri—State Hy. Dept., Jefferson City, making plans grading 21.2 mi. roads in Butler Co.; 30 ft. grading 40.8 mi. roads in Dent, Douglas, Stoddard, Laclede, Madison and Reynolds Counties; 9 ft. concrete paving 25.2 mi. roads in Butler and Mississippi Counties; 16 ft. gravel surfacing 12.2 mi. roads in Dunklin and Pulaski Counties; and 18 ft. gravel surfacing 24.8 mi. roads in Texas, Iron Washington, Howard and Lincoln Counties. B. H. Piepmeier, highway engr.

Tex., Abilene—Taylor Co. making plans bituminous macadam surfacing 1.63 mi. Federal Aid Project 444-G, Highway 1, extending east from Nolan Co. line, $37,000; also 10 mi. road west from Abilene, $225,000. L. C. McCanlies, Abilene, engr.

Tex., Boston—Bowie Co. making plans grading, gravel surfacing, etc., 3 mi. Simms Rd., State Highway 98, 16 ft. $40,000. F. E. Hess, Boston, engr.

Tex., Breckenridge—Stephens Co. making plans bituminous macadam surfacing 16.83 mi. road from Breckenridge to Throckmorton Co. line, 18 ft. $210,000. G. E. Franklin, Breckenridge, engr.

Tex., Bryant—Brazos Co. election soon $2,000,000 bonds hardsurfacing about 48 mi. road. Address County Judge.

Tex., Carthage—Panola Co. making plans grading, bridging and iron ore gravel surfacing 5.21 mi. African Ridge Rd., State Highway 64, 16 ft., $79,500; grading and five bridges on 5.87 mi. Grand Bluff Rd., State Highway 8, 26 ft., $84,200. D. E. Martin, Carthage, engr.

Tex., Cuero—Voted $250,000 bonds hardsurfacing 10 mi. Hochheim-Yoakum Rd. in Rd. Dist. 1, DeWitt Co. Terrill Bartlett Engineers, Inc., Calcasieu Bldg., San Antonio, engrs. Noted Aug. 20.

Tex., Cuero — De Witt Co. election Oct. 24th, $90,000 bonds hardsurfacing 10 mi. highway from boundary of Yorktown Dist. through Nordheim to Karnes Co. line, State and Federal Aid appropriate $90,000 toward cost. Address S. Kulawik, Cuero, co. judge.

Tex., Dallas — Dallas Co. making plans gravel surfacing 3.2 mi. State Highway 78, Sachse to Collin Co. line, 18 ft. $30,000. R. H. Clinger, Dallas, engr.

Tex., Decatur—Defeated $1,000,000 bonds, constructing various roads. H. R. Smith, Decatur, co. engr.

Tex., Gatesville—Election soon $30,000 bonds paving various streets. Engineer not announced.

Tex., Halletsville — Lavaca Co. making plans hardsurfacing road from Sweet Home to Halletsville Rd. $150,000. W. H. Koether, Halletsville, co. engr.

Tex., Hempstead — Waller Co. election soon $1,250,000 bonds hardsurfacing about 60 mi. various roads. Address County Engineer.

Tex., Karnes City—Karnes Co. election Oct. 21, $100,000 bonds, hardsurfacing 7 mi. highway from DeWitt Co. line through Runge to San Antonio River, 18 ft.

Tex., La Grange—Fayette Co. election Oct. 3, $25,000 bonds improving highway in Rd. Dist. 1. R. E. Schiller, La Grange, engr. Noted Sept. 17.

Tex., Navasota—Making plans concrete paving about 9 blocks Judson St. $50,000. R. H. Brule, Navasota, engr.

Tex., Rock Springs—Edwards Co. election soon $50,000 bonds hardsurfacing about 6 mi. Rock Springs-Del Rio Rd., 18 ft. W. Simpson, Natl. Bank Commerce Bldg., San Antonio, engr.

Tex., San Angelo—Tom Green Co. voted $500,000 bonds hardsurfacing 74 mi. State Highways 9-30-99, 18 ft. State and Federal Aid appropriate $500,000 toward cost. J. T. Mathison, San Angelo, co. judge. Noted Sept. 3.

Tex., Terrell — Election soon $25,000 bonds paving various streets. Engineer not announced.

Tex., Waco — Voted $250,000 bonds permanent paving various streets. V. G. Koch, city engr. Noted Sept. 3.

Okla., Enid — Making surveys grading and paving 43 blocks various streets, 26 to 56 ft. $227,600. F. C. McGruder, Enid, engr.

Okla., Guthrie—Soon takes bids hardsurfacing about 12 blocks in Dist. 3. $60,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Snyder — Making plans grading, curbing and sheet asphalt surfacing 5 blocks Main St., 76 ft. $55,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

California — State Hy. Comn., Sacramento, plans widening and straightening road between Boulder Creek and Big Basin into Redwood Park, $10,000; widening shoulders on road near Richvale, Butte Co., $1,000; granite surfacing road from Bullion Bend to Fresh Pond Grade, $2,400; repairing highway from Redwood Highway to Talamadge State Hospital; improving causeway across Middle Lake, east of Cedarville, Modoc Co.; concrete surfacing bridges, Tehama Co.; widening and straightening work between Laguna Summit and Cottonwood Creek, San Diego Co., $17,000, and resurfacing 3 mi. Chittenden Pass Highway, $11,700. R. M. Morton, Forum Bldg., Sacramento, state engr.

Calif., San Luis Obispo—Voted $225,000 bonds, asphaltic concrete paving 17.18 mi. road from Toro to Cambra.

Ont., Toronto—York Twp. plans bitulithic on concrete paving 18,000 sq.yd. Eglington Ave. from Dufferin to Gilbert Sts.,

Streets and Roads (Continued)

$65,630; concrete sidewalks on Montcalm Ave. $1,580, Humewood Dr. $1,635, Mayfield Ave. $2,380, Foxwell Ave. $1,440, Gloucester Grove $1,725, Glenholme Ave. $805, Rambert Ave. $830, Rogers Rd. and Hillary Ave. $4,750, Aileen and Falsworth Aves. $5,658, Kenora Crescent $2,165, Runnymede Rd. $7,008; grading Richardson Ave., $2,950. F. B. Goedike, 40 Jarvis St., Toronto, engr.

BIDS DESIRED

Mass., Boston — Oct. 9, by Dept. Pub. Wks., sheet asphalt or bitulithic paving, and sewerage works in Morton St. from Morton Rd. to Canterbury St. $80,000. J. A. Rourke, comr.

Mass., Medford (Boston P. O.)—Oct. 2, by Mayors Office, Medford Bldg., Medford Sq., concrete paving Main St. $25,000. E. A. Gaffey, comr.

Rhode Island—Oct. 14, by State Bd. Pub. Roads, State House, Providence, 8 in. rein.-con. surfacing 4.21 mi. Federal Aid Project 28, Barrington and East Providence Old Barrington Rd., Contr. 2513; adv. E. N.-R. Oct. 1.

N. Y., Olean—Oct. 13, by Common Council, at Council Chamber, City Hall, storm water sewer and bitulithic repaving North Union St. G. R. Miles, city engr.; adv. E. N.-R. Oct. 1.

N. Y., St. George—Oct. 6, by J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Edgewater St.; grading and bituminous macadam paving Hoyt Ave.

N. Y., St. George—Oct. 7, by J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous macadam repaving within franchise area on Staten Island Midland Railway about 100 ft. east; and bituminous concrete repaving Yetman Ave.

N. Y., St. George—Oct. 8, by J. A. Lynch, pres. Richmond Boro, Boro Hall, granite block repaving Richmond Terrace.

N. Y., Yonkers—Oct. 14, by Park Comn. Westchester Co., 72 West Pondfield Rd., Bronxville, grading and rein.-con. paving Nepperhan Heights Sect. of Saw Mill River Parkway from 2nd St. to point 1,500 ft. north of Yonkers Ave., here. J. Downer, ch. engr.; adv. E. N.-R. Oct. 1.

New Jersey — Oct. 19, by State Hy. Comn., Trenton, rein.-con. paving 22,851 sq.yd. Route 4, Sect. 34, Keyport Cutoff, Monmouth Co. A. L. Grover, secy.; adv. E. N.-R. Oct. 1. Noted Sept. 24.

Pa., Montgomery—Oct. 8, by Boro Council, W. E. Schnee, secy., Farmers & Citizens Natl. Bank Bldg., grading, curbing, concrete paving, etc., 3,000 ft. Houston Ave., Heilman and Penn Sts. $40,000. M. C. Krause, Williamsport, engr.

Pa., Phila.—Oct. 6, by Dept. Pub. Wks., Bureau of Highways, (Schedule A) grading 63,248 cu.yd. Eastwick, Kendwick and Lerge Sts.; (Schedule B) asphalt paving 45,835 cu.yd. 14 streets; (Schedule C) improving 28,768 cu.yd. 3 country roads; (Schedule D) asphalt repaving 5,153 sq.yd. 16th St.; (Schedule E) redressed granite block repaving 27,853 sq.yd. 3 streets; (Schedule F) grading 9,638 cu.yd. and paving 13,845 cu.yd. Sun Ave. and Ferndale St.; (Schedule G) furnishing 4,000 tons crushed pebbles; and (Schedule H) erecting gates at South Street Bridge, etc. G. H. Biles, dir.

D. C., Wash.—Oct. 8, by Dist. Comrs., Room 509 Dist. Bldg., grading approximately 35,100 cu.yd. various streets.

Maryland—Oct. 6, by State Roads Comn., Baltimore, concrete paving 0.34 mi. Contr. A-39, Allegany Co. J. N. Mackall, chn.; adv. E. N.-R. Oct. 1.

Md., Baltimore—Oct. 7, by Bd. Awards, grading, curbing, granite block and concrete paving 13,140 sq.yd. streets listed in Contr. 304-OCOANA; also sheet asphalt paving, etc., 12,100 sq.yd. streets listed in Contr. 303-OCOA. S. Purcell, highways engr.

W. Va., Wayne—Oct. 8, by Wayne Co., improving 3 mi. McCommas-Twelve Pole Rd., 22 ft., Grant Dist., 1 mi. Two Mile Rd., 1 mi. Newcomb Creek Rd., and 2 mi. Left Fork Lynn Creek Rd., all 16 ft., Stonewall Dist.; also 20 ft. span rein.-con. bridge over Sweet Run Creek approach to Kenova-Buffalo Rd., and culverts and changes on Docks Creek Co. Rd., Credo Dist. H. O. Wiles, co. engr.

N. C., Belhaven — Oct. 6, by Mayor and Bd. Aldermen, grading, concrete paving and storm drainage in various streets. $30,000. W. C. Olsen, Masonic Temple Bldg., Raleigh, engr.

N. C., Floresville—Oct. 16, by Highway Comn. Wilson Co., clearing, grubbing and concrete or asphalt paving 9.15 mi. highway, 16 ft. $236,000. H. W. Rankin, Wilson, engr.

Fla., Key West — Oct. 29, by Comrs. Monroe Co., stone surfacing, oiled on 28 mi. Island of Key Largo, 9 mi. road from point on Southwest Island of Saddle Bunch Group to point near Florida East Coast Railway incl. 180 ft. bridge over Sugar Loaf Creek, about 16 mi. in northern portion Monroe Co., a section of Ta-Miami Trail; also constructing about 6 mi. boulevard, incl. apron wall, sidewalks, lighting systems, etc. around portion of Island of Key West. J. O. Kirchheiner, chn.; adv. E. N.-R. Oct. 1.

Fla., Miami—Oct. 7, by C. W. Tomlinson, city clk., improving H-75 and H-76, 49,295 sq.yd. broken stone base, 35,304 sq.yd. asphaltic macadam, sheet asphalt, asphaltic concrete or Kentucky rock asphalt paving, etc.; also H-87 and H-88, 20,538 sq.yd. broken stone base, 3,164 lin.ft. concrete gutter. $1,000,000 bond election soon for same. F. H. Wharton, city mgr.

Fla., West Palm Beach—Oct. 7, by Bd. Comrs. Palm Beach Co., J. E. Bell, chn., constructing 3.61 mi. road from South Bay to Okeelanta, 10.61 mi. road from Belle Glade to Pahokee, and 17.25 mi. road known as Cross State Highway from Belle Glade to Henry Co. line. G. O. Butler, co. engr.; adv. E. N.-R. Oct. 1.

Miss., Columbus—Oct. 6, by C. M. Reeves, city secy., grading, curbing and rein.-con. or asphalt surfacing 12,100 sq.yd. various streets. R. L. Totten, Inc., B. M. Bldg., Birmingham, Ala., engrs. Noted Sept. 3.

Miss., Magnolia—Oct. 8, by Bd. Supervs. Pike Co., improving 15.112 mi. McComb-Walker Bridge Rd., Federal Aid Project 35, 26.61 acres clearing and grubbing, 91,855 cu.yd. excav., 31,329 cu.yd. gravel 1 mi. haul, 25,779 units overhaul, 87,508 lb. reinforcing, etc. H. C. Dietzer, Jackson, engr. Noted July 30.

Miss., Pass Christian—Oct. 8, by Supervs. Harrison Co., Gulfport, warrenite bitulithic paving 10,000 sq.yd. Beach Highway, east from Menge Ave., here. W. S. Hawkons, Gulfport, co. engr.

Louisiana—Oct. 20, by State Hy. Comn., Baton Rouge, grading and graveling 19.51 mi. Sects. B and C Bastrop-Arkansas State Line Highway, from Mer Rouge to Arkansas state line, Federal Aid Project 106, Morehouse Parish. W. B. Robert, highway engr.

Louisiana—Oct. 22, by State Hy. Comn., Baton Rouge, constructing 11.59 mi. Clinton-Mississippi State Line Highway, State Project 444, East Feliciana Parish. W. B. Robert, highway engr.

Louisiana—Nov. 10, by State Hy. Comn., Baton Rouge, grading and graveling 10.82 mi. Many-Leesville Highway, Federal Aid Project 45-B, Sabine Parish. W. B. Robert, highway engr.

O., Canton—Oct. 14, by Comrs. Stark Co., improving 0.75 mi. Beechwood Church Rd. $25,000. A. M. Wise, Court House, engr.

O., Cincinnati—Oct. 9, by Comrs. Hamilton Co., improving Dugan Gap Rd. from I-C-H 38 to Brower Rd., and Brower Rd., etc., 9,500 gal. Grade 1 tar, 46,250 sq.yd. concrete, 2,110 lin.ft. concrete gutter, 118,712 cu.yd. earth excav., 1,506 cu.yd. concrete for necessary culverts. $295,706. E. A. Gast, Court House, engr.

O., Columbus—Oct. 6, by W. H. Duffy, dir. Pub. Serv., grading, laying necessary water services, sewer connections and paving with (a) asphalt (b) brick and (c) concrete 2,468 ft. alleys west Racine Ave., Ann and North Hudson Sts., 20 ft., (a) $25,239 (b) $36,115 (c) $5,894, 1,607 ft. 14th Ave., 24 ft., (a) $25,478 (b) $29,594, 697 ft. allen north Hanford St., 16 ft., (b) $4,760 (c) $4,223, 1,338 ft. Warren Ave., 26 ft., (a) $23,742 (b) $27,586; widening 4,414 ft. Spring St., 46 ft., (a) $23,572 (b) $27,563; also 2,230 ft. 6- to 18-in. sewers, etc. in Margaret St. $6,354, 1,860 ft. 8 in sewer in alley south Sullivant Ave., $2,741. R. H. Simpson, city engr. Noted July 9 and Sept. 24.

Ind., Auburn—Oct. 6, by C. Cain, engr., Auburn, grading and graveling 2.85 mi. Sechler Rd., $26,200; 3 mi. Duncan Rd., $27,000; 2.7 mi. Abel Rd., $26,100; 2.8 mi. Bone Rd., $26,500; and 2.9 mi. Stone Street Rd., $27,000, all 26 ft., for DeKalb Co.

Ind., Danville—Oct. 5, by G. R. Harvey, engr., Danville, grading and graveling 2.5 mi. Ferrel Rd., 26 ft., for Hendricks Co. $29,000.

Michigan—Oct. 8, by State Hy. Dept., at office Comrs. Calhoun Co., Marshall, concrete paving 5.53 mi. Federal Aid Rd. 144, Sect. A, 20 ft. G. C. Dillman, Lansing, highway engr.

Wisconsin — Oct. 6, at Div. 8, 1st Natl. Bank Bldg., Superior, crushed gravel surfacing 5,200 cu.yd. Ashland-Marengo Rd., Federal Aid Project 405-A, Ashland Co. J. T. Donaghey, Madison, highway engr.

Wis., Wauwatosa—Oct. 9, by Bd. Pub. Wks., A. V. Brigham, secy., grading and rein.-con. paving 8,000 sq.yd. 59th St. Former bids rejected. J. E. Lowther, City Hall, engr. Noted Sept. 10.

Ia., Mondamin — Oct. 5, by City, J. C. Leightner, city clk., curbing and paving 8,000 sq.yd. various streets. $30,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs. Noted April 2.

Minnesota—Oct. 13, State Hy. Dept. St. Paul, (**S. P. means State Project and F. A. P. means Federal Aid Project**), gravel surfacing 25,100 cu.yd. S. P. 6-42, F. A. P. 343, Sect. A, $28,000; 19,500 cu.yd. S. P. 6-43, F. A. P. 343, Sect. C, $25,000; 19,500 cu.yd. S. P. 13-27, F. A. P. 346, Sect. C, $25,000; and 21,200 cu.yd. S. P. 64-22, F. A. P. 353, Sect. B, $26,000. Eng. Dept. of owner, 1246 University Ave., St. Paul, engrs.

Kan., Abilene—Oct. 22, by Clerk Dickinson Co., grading 7.147 mi. Federal Aid Project 29-A, and 8.315 mi. Sect. B same project, both 28 ft. Kansas Eng. Co., 1233 Western St., Topeka, engrs. Noted Sept. 17.

Kan., Cottonwood Falls — Oct. 27, by Clerk Chase Co., grading, etc., 7.061 mi. Federal Aid Project 256-A, 28 ft. W. H. Wilkinson, Cottonwood Falls, co. engr. Noted Jan. 8.

Kan., Salina—Oct. 9, by H. A. Ragle, clk. Salina Co., Court House, sand clay surfacing 4.17 mi. and 3.865 mi. County Projects 4, Sect. B and 5, 18 ft. with 4 ft. earth shoulders. W. H. Cost, Court House, engr. Noted Sept. 10.

Neb., Columbus—Oct. 9, by G. H. Bender, clk. Platte Co., concrete paving 7,350 sq.yd. Central City-Columbus Rd., Federal Aid Project 278-A. R. L. Cochran, Lincoln, highway engr.

Neb., Fremont — Oct. 8, at office Clerk Saunders Co. grading and concrete paving 8,620 sq.yd. Project 27-E, 12,655 sq.yd. Project 27-F, 2,319 sq.yd. Project 81-B, and 1,879 sq.yd. Project 263-A, in Saunders and Dodge Counties. R. L. Cochran, Lincoln, highway engr.

Neb., Hebron—Oct. 9, by B. A. Young, clk. Thayer Co., 3 in. gravel surfacing 164,900 sq.yd. Hebron-Fairbury Rd., Federal Aid Project 118-A. R. L. Cochran, Lincoln, highway engr.

Neb., Papillion—Oct. 8, by J. E. Strawn, clk. Sarpy Co., improving Gretna-Chalco Rd., State Project 3, 34,000 cu.yd. earth and 3,600 cu.yd. special excav., 18,000 cu.yd. overhaul, 63,200 sq.yd. 3 in. gravel surfacing, etc. R. L. Cochran, Lincoln, highway engr.

Tex., La Grange—Fayette Co. taking bids, gravel surfacing 8.47 bi. State Highway 71, Federal Aid Project 417-B $150,000. R. E. Schiller, La Grange, engr. Noted Sept. 17.

Tex., Liberty—Oct. 9, by W. C. Youngs, engr., Dayton, Bates section concrete paving 16.47 mi. and shell surfacing 6 mi. Federal Aid Project 352, State Highway 3, for Liberty Co. $360,000. Noted July 23.

Oklahoma — Oct. 6, by State Hy. Dept., Oklahoma City, grading, etc. 7.2 mi. Wetumka Rd., State Rd. 12, 30 ft., Hughes Co. $37,700, 7.12 mi. Sapulpa-Mounds Rd., 30 ft., Okmulgee Co. $31,600, 11.1 mi. Claremore-Chelsea Rd., 30 ft., Rogers Co., $58,000; grading and gravel surfacing 5.8 mi. Summerfield-Fanshowe Rd., 18 ft., $30,000, and 6.4 mi. Coodys Bluff-Allume Rd., 18 ft., Nowata Co., $33,000; concrete surfacing 6.1 mi. Pawhuska-Burbank Rd., 18 ft., Osage Co., $175,000. J. M. Page, highway engr.

Oklahoma — Oct. 6, by State Hy. Dept., Oklahoma City, grading, etc. 5.5 mi. State Road 11, West of Enid, 30 ft. $27,000. J. M. Page, Capitol, Oklahoma City, highway engr.

Okla., Guthrie—Oct. 9, by G. L. Anderson, city clk., grading and fibre brick and concrete paving 14 blocks Bored, Grant, Walnut and Vilas Sts. $58,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Hobart—Oct. 13, by C. R. Williams, city clk., grading and fibre brick paving 2 blocks 15th St., 50 ft. $26,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Wyoming — Oct. 6, by State Hy. Dept., Cheyenne, grading and surfacing, etc. 0.3 mi. Federal Aid Project 176-A, Big Horn Co.; grading and crushed gravel surfacing, etc. 4.9 mi. Federal Aid Project 143-B, Johnson Co., and 11.7 mi. Federal Aid Project 173-A, Unita Co. L. E. Laird, highway supt.

California—Oct. 13, by State Hy. Comn., Forum Bldg., Sacramento, grading and graveling 1.4 mi. road between Summerland and Montecito, Santa Barbara Co. R. M. Morton, Forum Bldg., Sacramento, highway engr.

Calif., San Diego—Oct. 12, by Common Council, improving Jewell Dr., 37th Sts., etc., 48,131 cu.yd. excav., 18,953 cu.yd. embankment, 101,302 sq.ft. sidewalk, 34,643 ft. curbing, etc. F. A. Rhodes, city engr.

Ont., Toronto—See "Contracts Awarded."

Streets and Roads (Continued)

BIDS RECEIVED

New Hampshire — F. E. Everett, comr. State Hy. Dept., Concord, bituminous macadam paving 2.25 mi. highway in Peterboro, from R. E. Bull, 151 Harrison Ave., Fitchburg, Mass., $70,429, 0.68 mi. highway in Holderness, from O. W. Fernald, Berlin, $18,322; 40 ft. span rein.-con. T-beam bridge, in Randolf, from Ames Constr. Co., 89 Prospect St., Somersworth, $4,353. Noted Sept. 3.

Connecticut—State Hy. Dept., Hartford, grading 7,895 ft. Boston Post Rd., 20 ft. from Kelleher Bros., Turners Falls, Mass., $28,065.

New York — A. W. Brant, comr. Highways, Albany, Sept. 25, **(e. e. means engrs. est., and R. C. means Repair Contract)** constructing and reconstructing 5.42 mi. Highway 1723, Suyvesant-Castleton, Part 1, Columbia Co., from Riteway Constr. Corp., 104 Reade St., New York City, $314,518, e. e. $402,097; 3.71 mi. R. C. 1486, Highway 65 Montgomery-Goshen and Highway 153 Newburg-Campbell Hall, Orange Co., from Hogeboom & Campfield, Inc., Kingston, N. Y., $167,746, e. e. $205,684; 8.34 mi. R. C. 3125, Highway 5205 Stillwater-Schuylerville, Part 1, Highway 5230 Part 2, and Highway 5277, Schuylerville Village, Saratoga Co., from Collins Bros., Stillwater, $356,066, e. e. $461,886; 5.98 mi. R. C. 1488, Highway 301, Bayshore-Brookhaven Town Line, Suffolk Co., from Heling Constr. Corp., Lindenhurst, $166,243, e. e. $215,008; 2.63 mi. R. C. 3124, Highway 712, Amenia-Sharon Sta., Highway 534, Northeast Center-Sharon Sta., and Highway 537 Amenia-Wassaic, Dutchess Co., from A. Mascetti, Torrington, Conn., $111,749, e. e. $148,547; 12.42 mi. Highway 8233, Oneonta-Meridale, Delaware and Otsego Counties, from O. P. Williams, Bainbridge, $682,389, e. e. $889,455; 5.42 mi. R. C. 3129, Highway 160, Slate Hill-Unionville, Orange Co., from Hull & Saltsman, Highland Mills, $261,304, e. e. $324,665; 6.02 mi. Highway 1721, Dresden-Geneva, Part 1, Yates Co., from Bolton, Suits & Bolton, Geneva, $234,377, e. e. $306,574, 0.5 mi. R. C. 3128, Highway 5223, Liberty Co. line, Part 1, Sullivan Co., from J. Arborio, 82 Church St., New Haven, Conn., $44,804, e. e. $53,547; 3.02 mi. R. C. 3132 and 1487, Highway 5182, North Hudson-Euba Mills, Part 2, Highway 5117, Euba Mills-New Russia, Essex Co., from Spadaccinsi Realty Constr. Corp., Tupper Lake $115,798, e. e. $141,668; 1.31 mi. R. C. 3131, Highway 25, Troy-Brunswick, Part 2, Highway 84 Troy-Brunswick, Part 3, Rensselaer Co., from C. Hansen 45 Glen Ave., Troy, $68,624, e. e. $80,467; 4.8 mi. Highway 1715, Mandana-New Hope, Cayuga Co from Provo Bros., Canal St., Syracuse, $240,193, e. e. $274,983; 9.59 mi. Highway 8222, Saranac Inn Sta.-Lake Clear Junction and Lake Junction-Paul, and Highway 5706 Saranac Lake-Lake Clear Junction, Franklin Co., from W. C. Horn Co., Athens, Pa., $434,567, e. e. $530,341; 4 mi. R. C. 3130, Highway 5365, Syracuse-Lafayette, Onondaga Co., and 1.82 mi. R. C. 3127, Highway 5014 Chittenango-Oneida, Part 1, Madison Co., from J. H. Gallup Co., Inc., Union Bldg., Syracuse, $124,864 and $120,902 respectively, e. e. $155,368 and $145,412 respectively; 1.02 mi. Highway 8235, Portageville-Nunda, Part 2, Wyoming and Livingston Counties, from Sweeney & Boland, E. and B. Bldg., Rochester, $68,044, e. e. $106,089; 1.2 mi. R. C. 3133, Highway 5364 Ossining, and 5364 A. Croton River, Westchester Co., from A. E. Ottairano & Co., Croton-on-Hudson, $113,255, e. e. $140,243; 4.26 mi. R. C. 1485, Highway 5382, Fulton-Oswego, Oswego Co., from Di Pillo & Balistreri Constr. Co Geneva, $132,664, e. e. $168,614; 1.02 mi. Highway 8232, Sherman-Mayville, Part 3, Chautauqua Co., from W. J. Knauer, Jamestown, $58,-820, e. e. $71,913; 2 mi. R. C. 3126, Highway 834, Kirkwood River, Broome Co., from Tyne & Willey, Binghamton, $95,713, e. e. $127,196; 6.12 mi. Highway 8234, North Hillsdale-Austerlitz, Parts 1 and 2, Columbia Co., from A. D. Bridges Sons, Inc., Hazardville, Conn., $377,302, e. e. $449,473. Notedd Sept. 10.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Sept. 28, from C. Bennett Contg. Co., 414 Rutland Rd., Brooklyn, grading, curbing and laying sidewalks, etc., on Woodside Ave., etc., $49,388, from Cleveland Trinidad Paving Co., Flushing, Kingsland Ave., etc., $31,341, 161st St. $24,309, regrading and asphalt paving Queens Blvd., $170,515; from Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, curbing, sheet asphalt repaving Queens Blvd., etc., $204,000, sheet asphalt paving 88th Ave., etc., $14,875, and 97th St. $33,965, 103rd St. $24,450; from O'Brien & Kurth, 8625 13th St., Jamaica, grading, curbing and paving Kingsland Ave., $5,986; from Welsh Bros. Contg. Co., 32 Queens St., Astoria, grading, curbing and laying sidewalks, etc., on 51st St. to Corona Ave. $20,551, 94th St. $5,112, from C. H. Georgi, Inc., 15 Ely Ave., Hollywood Ave. $2,546, Polk Ave. $1,952; from Sicilian Asphalt Co., 41 Park Row, New York City, regrading, curbing and sheet asphalt paving Queens Blvd., etc., $158,970; from Peace Bros. Contg. Co., 20 Main St., Flushing, grading, curbing and laying sidewalks, etc., on 88th Ave., $7,040; from Peninsular Contg. Co., Rockaway Beach, grading, sidewalks, gutter spaces, curbing, etc., on Beach Channel Dr. and Beach 95th St. 5th Ward, $2,696; from Vouker Contg. Co., 17 State St., New York City, constructing rip rap embankment along Beach Channel Dr. $46,300. Noted Sept. 24.

N. Y., New York—Dept. Parks, Arsenal Bldg., 64th St. and 5th Ave., F. D. Gallatin, pres., Sept. 24, reconstructing and repaving, etc., Orchard Beach Shore Rd., from Gaffney Constr. Co., 50 East 42nd St., $136,-520; laying walks and asphalt repaving Tompkins St. Park, etc., from Valatia Constr. Co., 15 East 48th St., $29,400; improving 4 park plots in center of 137th St. and Bway., 147th, 148th, 151st, 152nd, 166th and 167th Sts., from Dooley Stapleton Corp., 257 Delphia Pl., Brooklyn, $17,580. Noted Sept. 17.

N. J., Trenton — Mercer Co., Sept. 22, 10,000 gal. tar for cold application on Trenton-Hopewell Rd., from T. Tobish, Amer. Mechanic Bldg., $0.1367 per gal. Noted Sept. 17.

Pennsylvania—State Hy. Dept., Harrisburg **(A means Application and R means Route)**, one course rein.-con. paving 6,576 ft. Rome Boro-Rome Twp. Rd., R. 15, A. 3572, Bradford Co., from Lane Constr. Co., 35 Colony St., Meriden, Conn. $62,908, 5,384 ft. Germany Twp. Rd., A. 3412, Adams Co., from W. G. Raub Co., Inc., Red Line $40,044, 24,998 ft. Greenwich-Penn Twp. Rd., R. 62-C, Clearfield Co., from O. B. Bracht, Titusville $258,044, 1,830 ft. Towamensing Twp. Rd., A. 3741, Carbon Co., from McInerney & McNeal, Inc., 703 Northampton Natl. Bank Bldg., Easton $21,573, 9,655 ft. Summit Twp. Rd., A. 3663, Butler Co., from Winter & Yaple, 909 Cascade St., Erie $77,057, 38,025 ft. Amity-Exeter Twp. Rd., A. 3464, Berks Co., from D. L. Risser, 713 Walnut St., Lebanon $319,778, 27,345 ft. Maxatawny-Greenwich Twp.-Kutztown Boro Rd., A. 3222, Berks Co., and grading, etc. 11,193 ft. Tobyhanna-Buck Twps., R. 169 Sect. 3, Luberne and Monroe Counties, from W. H. Murphy & Sons, 2100 State St., Harrisburg, $240,084 and $55,887 respectively; bituminous on asphaltic concrete paving 4,705 ft. Mahanoy City Rd., R. 290, from Union Paving Co., 30th and Locust Sts. Phila. $108,689 and 9,953 ft. Wood Twp. Rd., A. 2826, Huntington Co., from Colgan & Kelly, East Walnut St., Lewistown, $59,834. Noted Sept. 3.

Miss., Rolling Fork—Sharkey Co., grading, gravel surfacing, etc. 7.458 mi. Federal Aid Project 50-C, from F. C. Morgan, 709 Lemcke Bldg., Indianapolis, Ind., $59,324. Noted Aug. 27.

O., Cincinnati — Improving Stewart Pl., 2,460 lin.ft. concrete curbing, 300 lin.ft. cement sidewalks and 1,700 cu.yd. grading, etc., from O'Connell & Sweney, Florence Ave. and Concord St., $25,219. Engrs. est. $27,180.

O., Cincinnati — Granite block repaving, etc. 2,100 sq.yd. Central Ave., from Cino Constr. Co., 221 West 9th St., $31,103, engrs. est. $33,558; 200 sq.yd. Mitchell Ave., from J. S. Bolan, 1517 Ruth Ave., $112,267, engrs. est. $116,510. Noted Sept. 3 and 10.

O., Cleveland—Paving, etc., with **(a)** asphalt or **(b)** vitr. brick **(1)** Mandalay Ave. **(2)** Milan Ave. **(3)** Herna Ave. **(4)** Ruple Rd. (1 to 4 inclusive) involves 10,210 sq.yd. paving, 6,700 lin.ft. stone curbing, 6,860 lin.ft. 4 in. drain tile gutter, 5,285 cu.yd. earth excav., **(5)** Sector Ave. **(6)** Princeton Ave. **(7)** Lydian Ave. (5 to 7 inclusive) involves 9,605 sq.yd. paving, 6,275 lin.ft. stone curbing, 6,450 lin.ft. 4 in. drain tile gutter, and 5,320 cu.yd. earth excav. **(8)** Normandy Ave. **(9)** Larchwood Ave. **(10)** Sedalia Ave. (8 to 10 inclusive) involves 10,100 sq.yd. vitr. brick or sheet asphalt, 7,400 lin.ft. stone curbing, 7,670 lin.ft. 4 in. drain tile gutter, 4,710 cu.yd. earth excav., from H. G. Herring, Wayside Rd., **(a1)** $15,806 **(b1)** $18,575; from Roehl Bros., 7008 Denison Ave., **(a1)** $12,302 **(b2)** $15,007 **(a3)** $4,313 **(b3)** $5,191; from Gould & Maybach, 16113 Saranec Rd., **(a4)** $11,593 **(b4)** $13,789; from Highway Constr. Co., Guaranty Title Bldg., **(a5)** $12,495 **(b5)** $16,416 **(a6)** $15,-327 **(b6)** $19,447 **(a7)** $13,186 **(b7)** $16,614; from Baldwin Bros., 4500 Euclid Ave., **(a8)** $4,399 **(a9)** $15,628 **(b9)** $18,591 **(a10)** $27,309 **(b10)** $32,490.

O., Cleveland—Cuyahoga Co., vitr. brick paving 5,500 sq.yd. Hilliard Rd. Bridge, from Cleveland Trinidad Paving Co., The Arcade, $22,071. Engrs. est. $29,640. Noted Sept. 3.

Neb., Omaha—Paving with **(a)** asphalt **(b)** brick **(c)** asphaltic concrete **(d)** sheet asphalt **(e)** "B" art stone and **(f)** curbing **(1)** 645 yd. Dist. 1383 **(2)** 681 yd. Dist. 1476 **(3)** 1,479 yd. Dist. 2070 **(4)** 1,429 yd. Dist. 2471 **(5)** 580 yd. Dist. 2537 **(6)** 1,197 yd. Dist. 2544 **(7)** 5,402 yd. Dist. 2562 **(8)** 5,859 yd. Dist. 2637 **(9)** 5,704 yd. Dist. 2661 **(10)** 600 yd. Dist. 2757 **(11)** 1,107 yd. Dist. 2764 **(12)** 670 yd. Dist. 2791 **(13)** 755 yd. Dist. 2804 **(14)** 4,417 yd. Dist. 2820 **(15)** 1,672 yd. Dist. 2821 **(16)** 590 yd. Dist. 2826 **(17)** 2,251 yd. Dist. 2834 **(18)** 1,780 yd. Dist. 2836 **(19)** 440 yd. Dist. 2837 **(20)** 4,662 yd. Dist. 2838 **(21)** 2,148 yd. Dist. 2846 **(22)** 1,038 yd. Dist. 2847 **(23)** 666 yd. Dist. 2857 **(24)** 1,213 yd. Dist. 2876 **(25)** 373 yd. Dist. 2885 and **(26)** 123 yd. Dist. 2897, from J. Kerns Constr. Co., 1809 Dodge St., **(a1)** $2.69 per yd. **(b2)** $3.21 **(d2)** $2.69 **(f9)** $0.59 **(f11 and 12)** $0.60 each **(c13)** $2.37 **(d13)** $2.69 **(f13)** $0.61 **(f15)** $0.60 **(f20)** $0.60 **(f21)** $0.60 **(d24)** $2.69; from J. J. Parks Constr. Co., 4 Bankers Savings Bldg., **(b1)** $3.14 **(d4)** $2.48 **(e5)** $3.05 **(d5)** $2.48 **(f5)** $0.69 **(e7 and 8)** $2.14 each **(d7)** $2.47 **(e9)** $2.15 **(d9)** $2.44 **(e11)** $2.18 **(d11)** $2.48 **(e14)** $2.12 **(b15)** $3.15 **(d15)** $2.46 **(b18)** $3.12 **(e18)** $2.52 **(e20)** $2.12 **(b21)** $3.12; from J. Sherlock Constr. Co., 1805 Dodge St., **(e1 and 2)** $2.28 each **(f3)** $0.60 **(e4)** $2.17 **(f4)** $0.60 **(f7 and 8)** $0.57 each **(f11)** $0.60 **(e12)** $2.18 **(f12, 15, 17, 18, 20, 22 and 23)** $0.60 each **(e23)** $2.18 **(e24)** $2.38; from Natl. Constr. Co., 310 Arthur Bldg., **(b3)** $3.02 **(f3 and 4)** $0.60 each **(b7)** $3.02 **(d7)** $2.47 **(b8)** $3.02 **(d8)** $2.45 **(b9)** $3.02 **(e9)** $2.15 **(f9)** $0.59 **(f12)** $0.60 **(b14)** $3.08 **(f17)** $0.60 **(b20)** $3.08 **(f20)** $0.60 **(b23)** $3.08 **(f23)** $0.60; from G. Parks, 210 Karbach Blk., **(e3)** $2.14 **(d3)** $2.44 **(b4)** $3.21 **(d4)** $2.48 **(e8)** $2.14 **(e9)** $2.15 **(b11)** $3.14 **(e11)** $2.18 **(d11)** $2.48 **(d12)** $2.50 **(e14)** $2.12 **(d14)** $2.42 **(e15)** $2.16 **(d15)** $2.46 **(b17)** $3.12 **(e17)** $2.14 **(d17)** $2.44 **(f17)** $0.60 **(e20)** $2.12 **(d20)** $2.42 **(b21)** $3.12 **(e21)** $2.14 **(d21)** $2.44 **(b22)** $3.21 **(e22)** $2.22 **(d22)** $2.48 **(b24)** $3.50; from S. Catalano, 2206 South 12th St., **(e6)** $1.59 **(e10)** $1.60 **(e16)** $1.59 **(e19)** $1.60; from J. H. McDonald, 3169 Farnam St. **(b7 and 8)** $0.57 each; from C. Noble & Co., 1455 South 12th St., **(e25)** $1.64; and from T. H. Maenner Co., 518 Omaha Loan & Building Assn. Bldg., **(e26)** $1.60.

Tex., Barstow — R. J. Hank, highway engr., Austin, grading, bridging and caliche surfacing 11.13 mi. State Highway 1, Federal Aid Project 391-C, from F. P. Holt, Sanderson, $138,141. Noted Sept. 3.

Wash., Seattle—Bd. Pub. Wks., Sept. 11, from Odman Contg. Co., 2534 33rd Ave. S., improving 36th Ave. S. W., et al., 13 acres clearing at $1.00 per acre, 34,000 cu.yd. excav. $0.38, etc., total $28,654.

Calif., Glendale — Grading, curbing, guttering, sidewalks, and 3 in. asphaltic concrete paving 97,789 ft. Raymond and Thompson Aves., etc., from J. W. Henderson, 120 South Glendale Ave., $27,454. Engrs. est. $30,281.

CONTRACTS AWARDED

Maine—State Hy. Comn., Augusta, gravel surfacing 6.33 mi. highway in Caribou, and 4.66 mi. highway in Fort Fairfield, to Boone & Brewer Co., Presque Isle, $82,957 and $73,719 respectively, 5.02 mi. highway in Milo and Ornville, and bituminous macadam surfacing section highway in Winterport, to McCabe & Giovannini, Inc., 20 Central St., Boston, $87,705 and $145,037 respectively, 1.42 mi. highway in York, to A. Sousi & Co., 12 Richfield St., Dorchester, Mass., $68,840, 4.97 mi. highway in Frankfort and Winterport, to A. D. Bridges & Sons, Inc., Hazardville, Conn., $64,923, 1.13 mi. highway in Kittery, to St. Albans Constr. Co., St. Albans, Vt., $95,722; gravel surfacing 4.92 mi. highway in Bucksport, to M. B. Rogers, Bangor, $80,383, 5.78 mi. highway in Peru, to I. J. Murphy, 12 Westwood Rd., Somerville, Mass., $80,383. Grand total $779,669.

N. J., New Brunswick — Middlesex Co., concrete paving 3,596 sq.yd. main drive through New Jersey State Agricultural College, to Utility Constr. Co., 5 Spring St., $30,412. Noted Aug. 20.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., granite block repaving, etc., West St., to J. Meehan & Son, 74 Courtlandt St., $118,680; widening and sheet asphalt repaving 57th St., to W. J. Fitzgerald, 547 West 45th St., $22,650. Noted Sept. 10.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, rein.-con. paving 22.900 cu.yd. R. 155, A. 3368, Hatboro Rd., Montgomery Co., to Union Paving Co., 30th and Locust

Streets and Roads (Continued)

Sts., Phila., $81,933; 29,700 cu.yd. R. 250, Cumberland Co., to P. Hostetter, Inc., York, $109,831; 28,444 cu.yd. R. 139, Lebanon and Dauphin Counties, to C. B. John, Malvern, $112,164; and 24,246 cu.yd. R. 268, A. 3356, Crawford Co., to Colonial Constr. Co., Arrott Bldg., Pittsburgh, $106,256. Grand total $410,184. Noted Sept. 3 and 10.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, surfacing Packer St. between Broad and 10th Sts., to Vare Constr. Co., 1120 Race St., $65,315; 7th and 10th Sts. between Johnston and Pattison Sts., to Union Paving Co., 30th and Locust Sts., $91,371 and $97,708 respectively. Grand total $254,394. Noted Sept. 10.

Pa., Pittsburgh — Allegheny Co., rein.-con. paving Beaver Rd. through Leetsdale Boro, to Bowman Bros., Lourie Ave., Ben Avon (Pittsburgh P. O.), $115,803, engrs. est. $125,000; and repaving Brownsville Rd. through Mt. Olive, to Booth & Flinn, Ltd., Forbes St., $33,744, engrs. est. $40,000.

Md., Baltimore—Bd. Awards, grading 24,000 cu.yd. streets in Contr. 300-OA, to H. O. Firor, 1707 West Pratt St., Baltimore, $16,560. Noted Sept. 10.

W. Va., Wayne—Wayne Co., grading, etc. Beech Fork and Prices Creek Rds., to Walton Sudduth & Co., Bluefield, $26,672. Noted Aug. 27.

North Carolina — State Hy. Comn., Raleigh, grading and plain concrete paving 2.03 mi. North Carolina Project 105-C, to F. J. McGuire, Bankers Trust Bldg., Norfolk, Va., $61,837; and 4.18 mi. North Carolina Project 986, Swain Co., to R. H. Wright & Son, Andrews, $108,914.

Ga., Macon — Improving 3 mi. various streets, to Higgison Constr. Co., Georgia Bldg., Macon, $104,000.

Kentucky—State Hy. Dept., Frankfort, **(F. A. P. means Federal Aid Project and S. A. P. means State Aid Project)**, concrete surfacing 2.013 mi. Owingsville-Farmers Rd., 18 ft., F. A. P. 137-A, Bath Co., to Tevis & Ingram, Danville, $105,750; bituminous macadam surfacing 5.68 mi. Mayesville-Flemmingsburg Rd., 18 ft., S. A. P. 68-A, Mason Co., to B. W. Gorham Co., Harp St. and Innes Park, Lexington, $106,-130; grading 4.166 mi. Middlesboro-Pruden Rd., 24 and 28 ft., S. A. P. 5-F, Bell Co., to North Fork Constr. Co., Jackson, $91,000, 5.71 mi. Harlan-Whitesburg Rd., 24 and 28 ft., F. A. P. 140-A, Harlan Co., to Wright Constr. Co., Millstone, $93,175, 6.398 mi. Clinton-Fulton Rd., 26 and 30 ft., F. A. P. 131-D, Hickman Co., to Costello Bros., Henson Bldg., Knoxville, Tenn., $51,422, 5.87 mi. Rockport-Beaver Dam Rd., 24 and 28 ft., S. A. P. 45-A, Ohio Co., to G. W. Robinson Co., Owensboro, $26,057, and 5.68 mi. Jamestown-Liberty Rd., 24 and 28 ft., F. A. P. 142-A, Russell Co., to Cundiff & Corrigan, Liberty, $25,385. Grand total $498,919. Noted Aug. 27.

O., Cleveland — Cuyahoga Co., improving Bliss Rd. 2, 26,500 lin.ft. stone curbing, 22,650 cu.yd. earth excav., 45,400 sq.yd. vitr. brick, to Cleveland Trinidad Paving Co., The Arcade, $228,000. Engrs. est. $307,000.

O., Cleveland — Cuyahoga Co., curbing, sidewalks and vitr. brick paving Lake Shore Blvd., to Cleveland Trinidad Paving Co., The Arcade, $180,813. Engrs. est. $226,260. Noted Aug. 27.

O., Cleveland — To Cleveland Trinidad Paving Co., The Arcade, grading, curbing, guttering and sheet asphalt paving Diana Ave. $10,195, Delaven Ave. $13,520, Clair Ave. $25,067, Bellaire Ave. $52,631, Dillewood Ave. $17,720, Doris Ave. $7,570, Dunkirk Ave. $1,966, Glenside Ave. $9,393, and West 52nd St. $14,900; to Highway Constr. Co., Guarantee Title Bldg., Desmond Ave. $25,467 and Dove Ave. $33,738; to Enterprise Paving & Constr. Co., 8444 Bway., Buckeye Rd. $33,879. Grand total $246,046. Noted Sept. 24.

O., Cleveland — Cuyahoga Co., grading, guttering and concrete paving 14,300 sq.yd. McKenzie Rd., to Patterson Constr. Co., 603 Bway., $51,652 engrs. est. $62,500; grading, curbing, guttering and vitr. brick paving 48,500 sq.yd. Miles Ave. 4, to Cleveland Trinidad Paving Co., The Arcade, $311,200 engrs. est. $371,700. Noted Sept. 24.

O., Columbus — W. H. Duffy, dir. Pub. Serv., grading, laying necessary water services and sewer connections and asphalt paving 2,032 ft. Parsons Ave., 34 ft., to Franklin Asphalt Paving Co., 209 South High St., $43,017; brick paving 465 ft. Chapel St., 21 ft., and 523 ft. Wall St., 18 ft., to R. J. Dienst, 480 South 5th St., $8,205 and $5,904 respectively, 1,012 ft. Thurlow Ave., 21 ft., to A. W. Burns, 316 South High St., $8,647. Grand total $65,-773. Noted Aug. 27.

O., Maple Heights (mail Cleveland) — bituminous concrete paving, etc. 5,480 sq.yd. Clement and Greenhurst Aves., to A. M. Pejsa Paving Co., 3161 Derbyshire Rd., Cleveland, $36,371. Noted Sept. 3.

Michigan — State Hy. Dept., at office Comrs. Benzie Co., Frankfort, concrete paving 1.514 mi. State Trunk Line Rd. 22-18, to Maisman & Tober, Grand Rapids, $44,340.

Michigan — State Hy. Dept., at office Comrs. Muskegon Co., Muskegon, grading 3.221 mi. State Trunk Line 54—15A, to DeGood Transfer Co., 334 Ionia St. S. W. Grand Rapids, $30,438. Noted Aug. 27.

Mich., Birmingham—See "Waterworks."

Wash., Shelton—Paving 25 blocks various streets, in Northside Dist. to Shelton Paving Co., Shelton, $57,232. Noted Aug. 27.

Mich., Detroit—To Bishop & Weir, 1305 Lafayette Bldg., one course concrete paving 3,500 sq.yd. Alley 2453 $7,861, 1,690 sq.yd. Alley 2462 $3,907; to Otis Cement Constr. Co., 806 Hammond Bldg., 3,000 sq.yd. Alley 2454 $6,958, 2,050 sq.yd. Alley 2455 $4,863, 1.775 sq.yd. Alley 2456 $4,142, 1,550 sq.yd. Alley 2457 $3,737, 725 sq.yd. Alley 2458, $1,914, 648 sq.yd. Alley 2459 $1,613, 568 sq.yd. Alley 2460 $1,421, 1,700 sq.yd. Alley 2461 $4,036; to C. L. Lincoln, 12337 Indiana Ave., 523 sq.yd. Alley 2464 $1,324. Grand total $41,776. Noted Sept. 24.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete surfacing 7.8 mi. Route 22, Sect. 19, 18 ft., McHenry-Lake Co., to Powers-Thompson Constr. Co., Joliet, $166,268. Noted April 30.

Ill., Evanston—To Arcole Constr. Co., 53 West Jackson Blvd., Chicago, concrete surfacing Central Park Ave. $60,513, Colfax St. $7,608, Dobson St. $18,685, Darrow Ave. $17,997, Elmwood Ave. $5,805, Grey Ave. $18,477, Ingleside Pl. $5,149 and Lincoln St. $8,241. Grand total $142,474. Noted Aug. 20.

Ill., Galesburg—Bd. Local Impvts., grading, curbing and brick on concrete surfacing West Knox St., from Academy to Cherry Sts., to Graham King Constr. Co., 550 South Cedar St., $19,011; Warren St. from Pearl to Rio Sts., to H. H. Gunther, 859 East Losey St., $8,262. Noted Sept. 17.

Wis., Milwaukee—Dept. Pub. Wks., R. Stoelting, comr., concrete paving, etc., 1 alley to Parkinson Constr. Co., 322 27th St., $1,483; 4 alleys, to Bodemann Constr. Co., 691 48th St., $21,965; 3 alleys, to Ruback & Sadowski, 1092 2nd Ave., $14,951; and 3 alleys, to A. E. Retzlaff, 868 Island Ave., $4,496. Grand total $49,763. Noted Sept. 10.

Ia., Ft. Dodge—Curbing, guttering and vibrolithic concrete surfacing 11,500 sq.yd. streets in Paving Dists. 3, 5 and 6, to M. L. Flinn Paving Co., Grain Exch. Bldg., Sioux City.

Minnesota — State Hy. Dept., St. Paul, **(S. P. means State Project and F. A. P. means Federal Aid Project)**, grading 32,-000 cu.yd. S. P. 45-22, Stillwater Rd., to C. F. Sculley Equipment Co., 212 Dakota Bldg., St. Paul, $25,533, 150,000 cu.yd. S. P. 7-34, F. A. P. 374, to Volden Bros., Milan, $59,536, 120,000 cu.yd. S. P. 8-42, F. A. P. 302, to P. W. Roark, Thief River Falls, $42,036, 205,000 cu.yd. S. P. 64-23, F. A. P. 353, to I. A. Fox, Yankton, S. D., $51,954, 260,000 cu.yd. S. P. 69-22, Sect. 2, F. A. P. 339, to C. Weaver, Anoka, $74,032, 11.4 mi. S. P. 7-34, to Stevens Bros., 612 Endicott Bldg., St. Paul, $9,599; concrete paving, etc., 42,000 sq.yd. S. P. 1-48, F. A. P. 1, and 16.1 mi. S. P. 5-30, Sect. 2, F. A. P. 345, to M. J. Nolan Constr. Co., 260 Temple Court Bldg., Minneapolis, $96,656 and $191,692 respectively, 165,000 sq.yd. S. P. 1-44, Sect. 5, F. A. P. 1, to R. J. Kappahn Constr. Co., 1811 Wallace Ave., Duluth, $256,489, 171,000 sq.yd. S. P. 5-30, Sect. 2, F. A. P. 345, to Hanlon & Okes, Merchants Natl. Bank Bldg., St. Paul, $76,289 and $153,230 respectively, and 268,700 sq.yd. S. P. 27-28, F. A. P. 370, to Ostrander & Hallet, Crosby, $372,075. Grand total $1,449,-375. Noted Sept. 27.

Kan., Hill City — Grading, curbing and vibrolithic surfacing 12,600 sq.yd. various streets, to M. W. Watson, 1923 South 34th St., St. Joseph, Mo., $92,355. This corrects report in Sept. 3 issue.

Kan., Ottawa—Curbing, guttering and 3 in. brick on 6 in. crushed stone surfacing 10,190 sq.yd. 11th St.; and curbing, guttering and 2.5 in. brick on old macadam surfacing Cedar St., to Cook & Stecker, Ottawa.

Nebraska—State Hy. Dept., Lincoln, 2 in. gravel surfacing 182,900 yd. Rushville-Gordon Rd., Federal Aid Project 108, Sheridan Co., to L. G. Crownover, Alliance, $37,952.

Neb., Holdrege—For 6 in. rein.-con. paving 31,650 yd. various streets in Dists. 16, 17, 18 and 19, to Roberts Constr. Co., 415 1st Natl. Bank Bldg., Lincoln, $63,300. Noted Aug. 20.

Neb., Papillion—J. E. Clark, clk. Sarpy Co., grading 6.96 mi. roads in Springfield Precinct, to J. W. Wachtler, 2914 Nicholas St., Omaha, $10,689; drainage work, to Metz Constr. Co., Springfield, $3,022; and gravel surfacing, to J. J. Parks & Co., 4 Bankers Savings Bldg., Omaha, $11,275. Grand total $27,986.

Mo., St. Louis—Bd. Pub. Wks., paving alleys in City Blocks 2729 and 2733, to Eyermann Constr. Co., 1216 South Grand St., $5,952; alleys in City Blocks 2817, 2884, 4449-A, 5296, 5535 and 5640, to A. Lewald, 1219 Amherst Pl., $36,584; in City Blocks 3996 and 4020-S, to Skrainka Constr. Co., Security Bldg., $6,916, and in City Blocks 4995, 5319, 5481 and 5570, to Parkinson Bros., 3237 Carter St., $14,877. Grand total $64,329.

Mo., University (br. of St. Louis) — Rein.-con. paving 700 ft. Sutter Ave., to Skrainka Constr. Co., Security Bldg., St. Louis, $9,231; and 1,800 ft. Pennsylvania Ave., to Allied Contractors Inc., 1802 Douglas St., Omaha, Neb., $18,500.

Ark., Little Rock—Grading, curbing and 6 in. concrete surfacing 13,750 sq.yd. streets in Paving Dist. 370, to G. Garms, 429 Southern Trust Bldg., $42,478.

Tex., San Antonio — Asphalt topping 3 blocks Ave. B between 5th and Grand Sts., to Uvalde Rock Asphalt Co., Frost Natl. Bank Bldg., San Antonio, $27,000.

Oklahoma—State Hy. Dept., Oklahoma City, **(F. A. P. means Federal Aid Project, S. A. P. means State Aid Project and e. e. means engineers estimate)**, brick on gravel surfacing 2.5 mi. Muskogee Rd., S.A.P. 123-C, and 4 mi. road near Muskogee, S.A.P. 195, both 18 ft., Muskogee Co., to Standard Paving Co., 1742 East 6th St., Tulsa, $49,-316 and $113,461 respectively, e. e. $52,800 and $118,000 respectively; concrete on gravel surfacing 2.5 mi. Muskogee Rd., 18 ft., S.A.P. 123-C, Muskogee Co., to Gravelle-Hamblin, Manhattan Bldg., Tulsa, $52,008, e. e. $60,000; grading and wood block surfacing 12.52 mi. Perry-Orlando Rd., 30 ft., F.A.P. 139-H, Noble Co., to Gantt-Baker Co., 1116 West Main St., Oklahoma City, $38,337, e. e. $43,000; grading and concrete surfacing 3 mi. Collinsville Rd., 30 ft., F.A.P. 111-B, Tulsa Co., to Highway Constr. Co., Midca Bldg., Tulsa, $87,373 e. e. $95,-000, 1 mi. Healdton Rd., 30 ft., S.A.P. 26-B, Carter Co., to D. Blackburn, Healdton $25,025, e. e. $32,000; grading, etc. 2.5 mi Lone Grove Rd., 30 ft., S.A.P. 41-B, Carter Co., to Flynn Constr. Co., Newkirk, $64,524 e. e. $70,000, 8 mi. road south of Chickasha, F.A.P. 208-A, Grady Co., and 9.65 mi. same road Sect. C, both 30 ft., Grady Co., to Ottinger & Frost, Hinton, $25,619 and $32,-671 respectively e. e. $31,300 and $35,600 respectively, 8 mi. road south of Chickasha, 30 ft., F.A.P. 208-B, Grady Co., to Gibson & Mitchell, Pauls Valley, $25,358 e. e. $28,-800, 8 mi. Purcell Rd., 30 ft., F.A.P. 144-A, McLean Co., to O. J. Pharoah, Henryetta, $30,616 e. e. $35,000, 8.12 mi. Mulhal Rd., 30 ft., F.A.P. 139-A and B, Logan Co., to J. E. Smith, Noble, $38,013 e. e. $41,000, 7 mi. Purcell Rd., F.A.P. 144-B, and 6.18 mi. same road Sect. C, both 30 ft., McLean Co., to G. Sutherland, Purcell, $23,631 and $25,316 respectively, e. e. $30,000 and $28,-800 respectively. Grand total $631,278. Noted Sept. 10.

Okla., Newkirk—Improving Maple Ave., 7th and 9th Sts., 7,700 lin.ft. curbing, 6,100 cu.yd. earth excav. and 17,450 sq.yd. concrete paving, to M. A. Swatek, 519 West Main St., Oklahoma City, $68,316. Engrs. est. $81,300. Noted Aug. 20.

Okla., Newkirk—To M. A. Swatek & Co., Newkirk, 6 in. concrete surfacing, curbing, etc. 3,401 sq.yd. Dist. 7 $9,269, 7 in. concrete surfacing 11,260 sq.yd. Dist. 8 $32,-761 and 8,534 ft. Dist. 9, $23,660. Grand total $65,717.

Colo., Denver—Concrete paving 12 blocks Alley Paving Dist. 134, to W. F. Pigg & Son, Commonwealth Bldg., $23,091; Dist. 135, to A. J. Collins, 206 South Emerson St., $20,430.

Arizona — State Hy. Dept., Phoenix, to Udall Tanner-Turley & Hamlin, St. Johns, improving Concho-St. Johns Highway, Federal Aid Project 78-A, 54,933 cu.yd. excav. at $0.30 per cu.yd. 36,536 cu.yd. borrow $0.25, 660 cu.yd. structural excav. $1, 2,952 cu.yd. ditch excav. $0.30, 4,390 sta.yd. earthwork overhaul $0.05, 17,997 cu.yd. surfacing $0.75, 5,593 cu.yd. mi. surfacing overhaul $0.50, etc., total $74,587.

Washington—State Hy. Dept., Olympia, crushed rock surfacing 14,620 cu.yd. State Rd. 22, Stevens Co., to Anderson & Nelson, Wilbur, $75,419; constructing 7.37 mi. State Rd. 5, Yakima and Kittitas Counties, to Fayne & Doust, 405-06 Lindelle Blk., Spokane, $124,581; grading, etc. 1.17 mi., State Rd. 1, King Co., to J. Ottesen Co., Inc., 303 Alaska Bldg., Seattle $15,038, and 0.25 mi. State Rd. 2, King Co., to Johnson & Co., Olalla, $7,903; crushed surfacing, etc. 0.58 mi. State Rd. 5, to Heller & Co., 135

Streets and Roads (Continued)

East 33rd St., Portland, Ore. $11,724, 8.71 mi. State Rd. 3, Stevens Co., to F. R. Hewitt, 225 East 24th Ave., Spokane $7,380, 5 mi. State Rd. 9, Grays Harbor Co., to Grays Harbor Constr. Co., Hoquiam, $5,870 and 7 mi. State Rd. 9, Grays Harbor Co., to Martin & Sloan, R. F. D. 3, Box 160, Seattle, $5,477. Grand total $253,492. Noted Aug. 27.

Washington—State Hy. Dept., Olympia, grading, gravel or crushed rock surfacing, etc., 2.8 mi. State Rd. 9, Jefferson Co., to J. L. Goulter, Port Angeles, $77,226.

Wash., Seattle—Bd. Pub. Wks., concrete paving, etc., 81,330 sq.yd. 42nd Ave. S. W. et al., to J. L. Smith, 304 West 36th St., $178,450. Engrs. est. $195,000. Noted Sept. 24.

California — State Hy. Comn., Forum Bldg., Sacramento, **(e. e. means engineers estimate)**, grading 1.9 mi. road between top of Mountain Springs Grade and Myers Creek Bridge, San Diego and Imperial Counties, to A. R. McGrath, 431 Vine St., Glendale, $57,000 e. e. $60,000, also 3.3 mi. road between Big Bear Dam and Fawnskin, San Bernardino Co., to M. S. Ross, 350 Merrick St., Los Angeles, $25,593 e. e. $24,400; grading and graveling 7.4 mi. road between Laguna Beach and San Juan Creek, Orange Co., to C. G. Willis & Son, 2119 East 25th St., Los Angeles, $167,859 e. e. $209,772; grading and asphaltic concrete paving 0.8 mi. road between Sacramento and point ½ mi. south, Sacramento Co., to A. Teichert & Son, Ochsner Bldg., Sacramento, $20,161 e. e. $19,733. Grand total $270,613. Noted Aug. 27, Sept. 3 and 17.

Ontario — Dept. Pub. Highways, Parliament Bldgs., Toronto, improving portions Provincial Highway System, incl. grading 5 mi. road from Allandale southerly, Contr. 1256 to G. Campbel, R.R. 4, Essex $25,000, and 2.5 mi. east of Renfrew, Contr. 1257, to R. C. Sutherland, 339 Chapel St., Ottawa, $20,000; washed screened gravel concrete paving 3 mi. road from Stratford southerly, Contr. 1268, to P. Bergmann, 128 King St. N. Waterloo, $90,000; penetration macadam paving 3 mi. road from Morrisburg, westerly, Contr. 1253, to F. Milligan & Co., Iroquois, $45,000; concrete bridge and approaches at Plantagenet, Contr. 1260, to Dennis & Mooney, Vanleek Hill, $20,000. Grand total $200,000.

Ont., Toronto—City will curb gutter and pave with asphalt on concrete Mount Pleasant Rd. from St. Clair to Eglinton Aves. $77,000. Work will be done by day labor. R. C. Harris, City Hall, engr.

Ont., Toronto — York Twp., curbing, guttering and asphalt on concrete paving Rogers Rd. and Hillary Ave. to Constructing & Paving Co., Ltd., Confederation Life Bldg., $79,505.

B. C., Point Grey—For 6 in. one course concrete paving various streets, to Armstrong, Morrison & Co., 543 Granville St., Vancouver, $30,530. Engrs. est. $52,000.

Buildings—Industrial

PROPOSED WORK

Mass., Dorchester (Boston P. O.)—FACTORY—Thompson Wire Co., 42 Mildred Ave., having plans prepared by Brainard & Leeds, 89 Franklin St., Boston, altering and constructing 1 story, rein.-con., brick and steel addition. $40,000.

Mass., Monroe (mail Readsboro, Vt.)—POWER PLANT—New England Power Co., 35 Harvard St., Worcester, plans 9,000 kw. power station and 90 ft. earth dam on Deerfield River, here.

Pa., Kittanning — GLASS PLANT — Kittanning Plate Glass Co., 509 Peoples Bank Bldg., Pittsburgh, having plans prepared four 1 story, steel buildings, Old Fair Grounds, here. $2,000,000. H. L. Dixon Co., Carnegie, engrs.

N. C., Granite Falls—COTTON MILLS—A. A. Shuford, plans 2 story, 100 x 400 ft. mill, also 300 ft. addition to A. A. Shuford Mill.

Va., Franklin — MILL — Camp Mfg. Co. plans rebuilding lumber mills, recently destroyed by fire. $50,000 loss.

Mich., Detroit — POWER HOUSE — A. Kahn, archt., 1000 Marquette Bldg., takes bids about Oct. 9, 2 story and basement, 62½ x 70 ft., rein.-con. and brick, plain foundation, Gratiot Ave., for Hudson Motor Car Co., 12601 Jefferson Ave.

O., Cedarville—GARAGE and SERVICE STATION—R. Wolford had plans prepared by Stelling & Eastman, 926 Fairbanks Bldg., Springfield, 2 story and basement, 50 x 100 ft., brick and rein.-con. garage and service station. $85,000.

O., Cleveland—FACTORY—Wowenwright Knitting Co., J. F. Norton, pres., 5815 Kinsman Rd., had plans prepared by W. J. Wefel, 5716 Euclid Ave., 2 story, 95 x 187 ft., brick and steel addition, 5815 Kinsman Rd. $100,000.

Wis., Milwaukee—FACTORY—Sengbusch Self Closing Inkstand Co., 165 Michigan St., plans 2 story, 60 x 120 ft., brick and timber addition, Clybourn St. Engineer and architect not selected.

Minn., Bemidji—HEATING and POWER PLANT—State Bd. Administration, H. W. Austin, chn., Capitol Bldg., St. Paul, having plans prepared by C. H. Johnston, 715 Capitol Bank Bldg., 2 story, rein.-con., brick and slate, at State Teachers College, here. $105,000.

Minn., Duluth—LIMEKILN—Cutler-Magner Co., 1114 Fidelity Bldg., H. Laliberte, vice-pres., soon lets contract 2 story, 140 x 150 ft., rein.-con., steel and brick, on waterfront at foot of 12th Ave. E. Barnet-Record Co., 418 Lyceum Bldg., engrs.

Tex., Brownsville — YARN MILL — Merchants & Planters Cotton Mill, New Braunfels, plans 2 story and part basement, rein.-con. and brick, here. $100,000. Private plans.

Tex., El Paso — STORAGE — Globe El Paso Cotton Oil Co., having plans prepared 1 story and part basement, 280 x 390 ft., rein.-con. storage building. $160,000. Private plans.

Tex., Weslaco—ICE PLANT—Watson & Stevenson having plans prepared rein.-con., brick and steel, 20 ton capacity. Private plans.

B. C., Vancouver — LUMBER MILLS — Easterbrook Milling Co., 17 River St., plans rebuilding mills, to replace fire loss.

B. C., Vancouver — POWER PLANT — British Columbia Electric Ry. Co., 425 Carrall St., plans 60,000 hp. hydro-electric plant, on Bridge River. $30,000,000. E. E. Carpenter, 425 Carrall St., engr.

BIDS DESIRED

Ill., Chicago — BOILER HOUSE — See "Unclassified."

Wis., Browntown—FACTORY—See "Contracts Awarded."

Wis., Two Rivers — GAS PLANT — See "Contracts Awarded."

Wis., Marshfield — FACTORY — G. A. Krasin, archt., Central Ave., taking bids 1 story, 56 x 140 ft., brick, plain foundation, for Wisconsin Butter Tub Co., West 9th St. $40,000.

Wis., Milwaukee—SHOP—See "Contracts Awarded."

Wis., Wausau — FACTORY — See "Contracts Awarded."

Tex., Pleasanton — ICE PLANT — Pleasanton Electric & Ice Co., taking bids 50 x 150 ft., 20 ton ice plant rein.-con., brick and steel. $45,000. J. Marriott, Frost Bldg., San Antonio, engr.

CONTRACTS AWARDED

Mass., Belmont (Boston P. O.) — SUBSTATION — B. T. Broderick, chn. Bd. Selectmen, 2 story and basement, 35 x 45 ft., electric sub-station, rein.-con. and brick, to Tredennick-Billings Co., 10 High St., Boston. Archts. est. $75,000. Noted Sept. 24.

Mass., Dorchester (Boston P. O.) — FACTORY — Skinner Organ Co., Sydney St., 2 story, brick addition, Sydney St. and Crescent Ave., to L. W. Eddy, 141 Milk St., Boston. Archts. est. $40,000. Noted Sept. 3.

Conn., Bridgeport—TYPEWRITER RIBBON FACTORY—Remington Typewriter Co., Railroad Ave., 3 story, 40 x 60 ft. rein.-con., brick and steel addition, to Stewart Eng. Co., 17 East 42nd St., New York City. Archts. est. $50,000. Noted Sept. 3.

N. Y., Buffalo — SILK MILL — Dupont Fibersilk Co., River Rd., addition to present mill, to Dupont Eng. Co., Dupont Bldg., Wilmington, Del., $8,000,000.

N. Y., New York—GAS PLANT—Consolidated Gas Co., 130 East 15th St., rein.-con., brick and steel, plain foundation, Hunts Point Rd., to W. F. Kenny Co., 44 East 23rd St. Archts. est. $4,000,000.

N. J., Atlantic City—POWER PLANT—A. Jellett Co., engrs., 11th and Locust Sts., Phila., Pa., 6 story, 75 x 124 ft., brick and steel, Leeds and Lippincott Sts., here, to Irwin & Leighton, 126 North 12th St., Phila., Pa., for Chalfonte-Haddon Hall Hotel, North Carolina and Beach Sts. Archts. est. $250,000. Noted Sept. 3.

Pa., Phila.—MANUFACTURING—Bayuk Cigar Co., 3rd and Spruce Sts., 10 story and basement, 104 x 316 ft., rein.-con. and brick, plain foundation, 9th and Columbia Sts., to Wark Co., 1600 Walnut St. Archts. est. $1,000,000.

Pa., Phila.—MANUFACTURING—Ballinger Co., archts., 12th and Chestnut Sts., 1 story and basement, 119 x 225 ft., rein.-con., brick and steel addition to radio plant, plain foundation, Roberts Ave. and Kingshighway, to Irwin & Leighton, 126 North 12th St., for Atwater Kent Co., Roberts Ave. and Kingshighway. Noted Aug. 27.

W. Va., Huntington—BOILER SHOP—Chesapeake & Ohio R.R. Co., I. W. Johns, ch. engr., Richmond, Va., 1 story, 140 x 404 ft., rein.-con., brick and steel boiler shop, plain foundation, here, to M. R. Hanke, Box 231, Cincinnati, O. Archts. est. $400,000. This corrects report in Sept. 3 issue.

N. C., Greensboro — COLD STORAGE PLANT — W. H. Anderson Co., 2 story, 100 x 150 ft., rein.-con. and brick, to F. Moesser, 1025 South Garden St. Engrs. est. $250,000.

Fla., Bradentown—GAS PLANT—City, gas plant and distribution system, to Amer. Gas Constr. Co., Newtown, Ia., $99,500. This corrects report in Sept. 3 issue.

O., Ashland—PLANT—E. Myers & Bro. Co., P. A. Myer, pres., 5 story and basement, 70 x 180 ft., brick and rein.-con., to G. Kratt & Son, Lorain. Archts. est. $200,000. Noted Aug. 27.

O., Cincinnati — PLANT — Lockwood, Greene & Co., archts. and engrs., 1 Pershing Sq., New York City, 14 story and basement, 116 x 190 ft., brick, steel and concrete, 619 Vine St., here, to Fuller Constr. Co., 175 5th Ave., New York City, for Cincinnati Enquirer, Vine St. Noted July 16.

O., Cleveland — CUPOLA HOUSE, FOUNDRY, etc.—W. S. Tyler East 36th St. and Superior Ave., 2 story, 38 x 40 ft., brick and concrete, 1401 East 36th St., to S. W. Emerson Co., Union Bldg. Archts. est. $40,000.

O., Cleveland—FACTORY—Lang Body Co., C. E. Lang, pres., 3088 West 106th St., 1 story, 80 x 182 ft., brick and steel, West 106th St., to R. S. Ursprung, Perry Payne Bldg. Archts. est. $60,000. Noted Oct. 1.

O., Cleveland—TANK ROOM and ICE STORAGE—Pilsener Brewing Co., 6601 Clark Ave., 1 and 2 story, 54 x 68 ft., brick and concrete, 6601 Clark Ave., to W. F. Thompson & Son Co., Chester-Twelfth Bldg. Archts. est. $40,000.

Mich., Detroit — POWER PLANT — Pub. Lighting Comn., East Atwater St., superstructure 1 and 3 story, rein.-con. and brick screen house, machine house and yard structures, Morrell St., to W. E. Wood Co., 1805 Ford Bldg., $1,534,800. Noted Sept. 17.

Wis., Milwaukee—SHOP—H. Schmitt & Sons, Inc., 430 Farwell Ave., will build 2 story, 42 x 115 ft., brick and timber shop, Burleigh St., by day labor. $45,000. Private plans.

Wis., Browntown — FACTORY—Merrell-Soule Co., will build 1 and 2 story, brick factory, plain foundation, by day labor. $150,000. Private plans.

Wis., Fond du Lac — Cold Storage — Winnebago Cheese Co., 233 West Division St., 3 story and basement, 40 x 62 ft., rein.-con. and brick, plain foundation, to Immel Constr. Co., Dana Bldg. Archts. est. $40,000.

Wis., Manitowoc — FACTORY — A. M. Richter & Sons Co., 8th and Madison Sts., having plans prepared by C. C. Reynolds, Dempsey Bldg., 3 story, 40 x 130 ft., brick, rein.-con. and steel addition, plain foundation. $40,000.

Wis., Milwaukee—PRINTING PLANT—Weber Printing Co., 427 11th Ave., 2 story and basement, 52 x 150 ft., brick, plain foundation, to Meredith Bros., 253 Washington St. Archts. est. $40,000. Noted Aug. 27.

Wis., Racine—DAIRY PLANT—Progressive Dairy Co., 1214 Lathrop Ave., 2 story and basement, 56 x 75 ft., rein.-con. and brick, plain foundation, to Olson Bros., 904 Belmont Ave. Archts. est. $50,000. Noted Aug. 20.

Wis., Two Rivers — GAS PLANT — Wisconsin Pub. Serv. Co., 559 Marshall St., Milwaukee, will build 2 story, brick and steel gas plant and steel retainer, plain foundation, by day labor. $200,000. A. F. Davey, c/ owner; engr. Noted Aug. 27.

Wis., Wausau—FACTORY—Rib Mountain Granite Wks., 320 3rd St., A. W. Prehn, pres., will build 1 story, 42 x 158 ft., brick, plain foundation, by day labor. $46,000. Private plans.

Mo., St. Louis — WAREHOUSE — Bd. Educ., 911 Locust St., general contract warehouse addition, School St., to J. J. Clark Constr. Co., Arcade Bldg., $48,714.

Mo., St. Louis—GLASS FACTORY—Mississippi Glass Co., Main and Angelica Sts., 1 and 2 story, 85 x 185 ft., rein.-con. and brick addition, 95 West Angelica St., to Esselstyn & Carey, 2539 Woodward St., Detroit, Mich. Archts. est. $250,000.

Tex., Palestine—ICE PLANT—Palestine Ice Co., rebuilding brick and concrete addition, to Ophuls & Hill, Inc., 112 West 42nd St., New York City, approximately $45,000.

Que., Port Alfred—NEWSPRINT PLANT—Port Alfred Pulp & Paper Corp., general contract 200 ton newsprint plant, to Foundation Co., 746 Sherbrooke St. W., Montreal. Engrs. total est. $3,500,000. Noted Nov. 20, 1924.

Buildings—Commercial

PROPOSED WORK

Vt., St. Johnsbury — THEATRE and STORE—A. Pegu, St. Johnsbury, and c/o Haynes & Mason, archts., 29 Park Bldg., Fitchburg, Mass., having plans prepared 2 story, brick theatre and store building. $150,000.

Mass., Boston—APARTMENT—D. Stern, 294 Washington St., having plans prepared by G. N. Jacobs, 4 Park St., 6 story and basement, 5,000 sq.ft. floor space, brick and stone, Pinckney St. $200,000.

Mass., Boston — HOSPITAL — Massachuset General Hospital, c/o Bd. Trustees, Fruit St., plans new hospital, Fruit St. $1,000,000. Engineer and architect not selected.

Mass., Boston — OFFICE — Boston Consolidated Gas Co., 149 Tremont St., plans 15 story and office building, Arlington St. To exceed $150,000. Engineer and architect not selected.

Mass., Boston—STORE and OFFICE—A. Rosenthal Estate, 294 Washington St., having plans prepared by Funk & Wilcox, 26 Pemberton Sq., 5 story and basement, rein.-con. and brick, 6-10 Beach St. $160,000.

Mass., Dorchester (Boston P. O.) — APARTMENT—J. Morris, 322 West Bway., South Boston, having plans prepared by M. Levy, 7 Water St., Boston, 3 story and basement, brick and timber, Fields Corner, here. $200,000.

Mass., East Boston (Boston P. O.) — POLICE STATION—Pub. Buildings Dept., Boston, J. P. Englert, supt., plans 2 story, brick addition to police station and municipal building, here. $150,000 or more. Engineer and architect not selected.

Mass., Worcester — HOSPITAL — W. A. Merrill, bus. agt., rejected bids 1 story and balcony, 40 x 80 x 96 x 150 ft., brick and stone dining room addition to State Hospital for Mental Diseases, Summer St. $150,000. Noted Sept. 24.

N. Y., New York—APARTMENT—Eight Hundred and Twenty Park Ave. Corp., c/o H. A. Jacobs, archt. and engr., 646 East 55th St., having plans prepared 15 story, brick, steel and stone, plain foundation, Park Ave. and 75th St.

N. Y., New York — APARTMENT and STUDIO CLUB — Authors League of America, Inc., 2 East 23rd St., having plans prepared 20 story, 115 x 140 ft., brick, steel and stone, plain foundation, 122 East 34th St. Private plans.

N. Y., New York—HOSPITAL—Dept. Plant & Structures, Municipal Bldg., having plans prepared 5 story, brick, steel and stone, plain foundation, 771 East 16th St. $250,000.

N. Y., New York—LOFT—G. Kern & T. P. McLoughlin, 349 West 37th St., having plans prepared by G. and E. Blum, archts. and engrs., 505 5th Ave., 16 story, 100 x 225 ft., brick, steel and stone, plain foundation, West 31st St. $4,500,000.

N. Y., New York—STORE—I. Gimbel, West 33rd St., having plans prepared by R. E. Hall, archt. and engr., 231 West 43rd St., altering 10 story, brick, steel and stone, West 33rd St. $275,000.

N. Y., New York—THEATRE—A. B. Minsky, 111 East Houston St., having plans prepared by S. J. Kessler, archt. and engr., 529 Courtlandt St., brick, steel and stone, plain foundation,. East Houston St. $800,000.

N. Y., Tonawanda—THEATRE—D. Buso, c/o Lewis & Hill, archts., 892 Main St., Buffalo, having preliminary plans prepared 125 x 135 ft., rein.-con. and brick theatre, here. $180,000.

Pa., Allentown—HOTEL—J. K. Bowen, 9th and Hamilton Sts., retained Day & Zimmerman, eng. and construction mgrs., 16th and Walnut Sts., Phila., and will take bids latter part of October, 10 story and basement, 100 x 175 ft., rein.-con., brick and steel, 9th and Hamilton Sts. $1,400,000. Thomas, Martin, Kirkpatrick, 220 South 76th St., Phila., archts.

Pa., Bradford — CLUB — Loyal Order of Moose, having plans prepared by Lawrie Green Co., 116 Locust St., Harrisburg, 3 story and basement, 80 x 80 ft., brick clubhouse. $150,000.

Pa., Phila.—LODGE—P. O. S. of A., c/o H. M. Fayden, having plans prepared by H. Miller, Crozer Bldg., 4 story and basement, 40 x 160 ft., rein.-con., brick and steel, plain foundation, 1317-19 North Broad St. $175,000.

Pa., Pittsburgh—APARTMENT—Garden Court Apartment Co., c/o D. A. Crone, archt., Oliver Bldg., having plans prepared 3 story and basement, 132 x 168 ft., brick and steel, Center Ave. $300,000.

Pa., Williamsport—Y. W. C. A., East 3rd and Mulberry Sts., plans 3 story and basement, 100 x 120 ft., brick and stone, 821 West 4th St. $300,000.

N. C., Greensboro—RAILROAD STATION—Southern Ry. System, 1300 Penn Ave., Wash., D. C., soon takes bids railroad station sheds, etc., here. $750,000. B. Herman, ch. engr. O. S. Payzant, 155 West 55th St., New York City, engr. in charge.

Fla., Indrio — HOTEL — East Coast Development Co., had plans prepared by W. C. Krieg, 105 North Clark St., Chicago, Ill., 4 or 5 story brick and stucco hotel. $1,500,000. C. W. Murray, ch. engr. of owner.

Fla., Palm Beach — HOTEL — Harvey Development Co., c/o G. W. Harvey, 100 Milk St., Boston, Mass., having plans prepared by E. B. Stratton, 25 Arch St., Boston, Mass., 4 story and basement, 100 x 150 ft., brick, steel, and terra cotta hotel, at Villa Rica, 25 miles south of here. $500,000.

Miss., Greenville — HOSPITAL — Kings Daughters, c/o secretary, soon takes bids 4 story, rein.-con., brick and stone hospital. $200,000. W. F. Schultz, Chamber of Commerce Bldg., Memphis, Tenn., archt.

Tenn., Knoxville—Y. M. C. A., Commerce and State Sts., plans to raise $550,000 funds for new building.

O., Cleveland—COMMERCIAL, OFFICE and GARAGE — Brighton Realty Co., J. Laronge, 600 Union Trust Bldg., having plans prepared by F. W. Ball, 1152 Hanna Bldg., 2 story and basement, 100 x 140 ft., brick and timber, West 117th St. and Lorain Ave. $150,000.

O., Cleveland—EXCHANGES—Ohio Bell Telephone Co., C. Cooper, pres., 4300 Euclid Ave., having plans prepared by F. A. Ward, 4300 Euclid Ave., two 2 story and basement, brick and rein.-con., one at East 158th St. and Kinsman Rd., and other at 18900 Nottingham Rd. $150,000 each. G. A. Kositsky, 4300 Euclid Ave., engr.

O., Youngstown—THEATRE and DANCE HALL—State Amusement Co., F. H. Davis, treas., Mahoning Bank Bldg., soon lets contract 1 story and basement, 87 x 137 ft., brick, steel and concrete theatre and dance hall. $250,000. C. H. Crane, Huron Bldg., Detroit, Mich., archt. Noted July 18.

Mich., Detroit — APARTMENT — W. O. Briggs, 11631 Marquette Bldg., had plans prepared by A. Kahn, 1000 Marquette Bldg., 5 story and basement, rein.-con. and brick, plain foundation, Covington Dr. $500,000.

Mich., Detroit — GARAGE — Janke, Venman & Krecke, archts., 1504 Bway., preparing plans 3 story and basement, 120 x 160 ft., rein.-con., brick, plain foundation, Parker Ave. $150,000. Owner's name withheld.

Mich., Detroit—THEATRE—A. D. Baehr, 9612 Nardin Ave., having plans prepared by C. W. Brandt, 1114 Kresge Bldg., 3 story and basement, 100 x 150 ft., rein.-con., brick and steel, Michigan Ave. $200,000.

Mich., Detroit—THEATRE and OFFICE—Stair-Shubert Realty Co., Free Press Bldg., had plans prepared by H. L. Krapp, 1650 Bway., New York City, 6 story and basement, 130 x 160 ft., rein.-con. and brick, plain foundation, Lafayette Blvd.

Ill., Chicago—APARTMENT—W. L. Wallen & Sons, 6712 North Clark St., takes bids about Oct. 5, 3 story, 100 x 150 ft., rein.-con. and brick, plain foundation, 1516-20 Fargo Ave. $200,000. P. F. Olson, 720 Cass Ave., archt.

Ill., Chicago — THEATRE, STORE and OFFICE—Rapp & Rapp, archts., 190 North State St., soon take bids 2 story, 175 x 180 ft., rein.-con., brick, steel and terra cotta, wood pile foundation, Cicero and Belmont Aves., for Balaban & Katz Corp., 175 North State St. $1,500,000.

Ill., Glen Ellyn — TEMPLE and THEATRE—Glen Ellyn Masonic Lodge, 950 A. F. A. M., K. Loehr, secy., having preliminary plans prepared by E. F. Behrens, 605 North Michigan Ave., Chicago, 2 story and basement, 125 x 125 ft., rein.-con., pressed brick and terra cotta, North Main St. $160,000.

Wis., Madison—HOTEL—M. Tullgren & Sons, archts., 9 Waverly Pl., Milwaukee, rejected bids Aug. 24, 8 story and basement, brick and concrete addition, Fairchild St., here, for Hotel Wisconsin Realty Co., 86 Michigan St., Milwaukee. $200,000. Noted Aug. 20.

Wis., Madison—STORE—University Cooperative Co., E. J. Grody, mgr., 508 State St., having plans prepared by Claude & Storck, Badger Annex, 1 story, 66 x 122 ft. and 40 x 51 ft., brick and rein.-con. store. $150,000. Noted Aug. 27.

Wis., Madison — THEATRE — Strand Theatre Corp., c/o A. P. Desormeaux, secy., 16 East Mifflin St., plans 1 story, rein.-con., brick and steel theatre. $200,000. Engineer and architect not selected.

Wis., Milwaukee—BANK—Teutonia Ave. State Bank, 1074 Teutonia Ave., having plans prepared by Dick & Bauer, 811 State St., 1 story and basement, 42 x 130 ft., rein.-con., brick and stone, plain foundation, Teutonia Ave. $150,000. Noted Sept. 17.

Ia., Burlington—HOTEL—F. B. Waggener, 205 Polk St., having preliminary plans prepared by W. F. Weibley, 505 Tama Bldg., 3 story and basement, 120 x 120 ft., rein.-con., brick and stone, Main St. $150,000.

Minn., Minneapolis—HOSPITAL—St. Andrews Hospital Assn., c/o A. H. Wilke, pres., 710 South East 5th St., having plans prepared by Sund & Dunham, 512 Essex Bldg., probably 4 story and basement, rein.-con., brick and stone addition, 5th St. and 7th Ave. S. E. $200,000.

Neb., Omaha — BANK — Union State Bank, 16th and Dodge Sts., plans 10 story and basement, 68 x 132 ft. bank, 19th and Farnam Sts. $750,000. Engineer and architect not selected.

Mo., St. Louis — APARTMENT — Saum Bros., 713A Chestnut St., purchased site and plan 9 story and basement, 122 x 200 ft., rein.-con., brick, stone and steel, Grand St. and Castleman Ave. $1,000,000. Private plans.

Tex., El Paso — SANITARIUM — A. Brusson, plans 4 story and basement, rein.-con., brick and stone, plain foundation. $200,000. Engineer and architect not selected.

Tex., Fort Worth—EXCHANGE—Southwestern Bell Telephone Co., c/o F. W. Yensen, building supt., 512 Union Fidelity Bldg., Dallas, having plans prepared by I. R. Timlin, c/o owner, 3 story and basement, 75 x 100 ft., rein.-con., brick and stone, 11th and Throckmorton Sts. $150,000. Sanguinett-Staats & Hedrick, 1st Natl. Bldg., engrs.

Tex., San Antonio — COURTHOUSE — Bexar Co. voted $1,400,000 bonds new County courthouse, Dwyer and Dolorosa Aves. A. C. Pancoast, 102 Turner St., co. engr. Noted Aug. 27.

Okla., Tulsa—OFFICE—Independent Oil & Gas Co. having plans prepared by Smith & Senter, archts. and engrs., 5 story and basement, 77 x 120 ft., rein.-con., brick and stone, plain foundation. $350,000. Noted July 30.

Calif., Chico — THEATRE — West Coast Theatres, Inc., Knickerbocker Bldg., Los Angeles, plans theatre, Main and 5th Sts., here. $350,000.

Calif., Culver City—THEATRE—West Coast Theatres, Inc., Knickerbocker Bldg., Los Angeles, plans Class A theatre, here. $250,000.

Calif., Hermosa Beach—HOTEL—J. A. Morrison, Hotel Breakers, Pasadena, having plans prepared by Marston, Van Pelt & Maybury, 25 South Euclid Ave., Pasadena, 7 story and basement, rein.-con. hotel with swimming pool, here. $350,000.

Calif., Los Angeles—APARTMENT—L. Callahan & Sons, archts., 518 Carondelet St., preparing plans 5 story and basement, 114 x 150 ft., rein.-con., Normandie St. between 7th and 8th Sts. $350,000. Owner's name withheld.

Calif., Los Angeles—APARTMENT—L. Callahan & Sons (owners and archts.), 518 Carondelet St., preparing plans 5 story and basement, 114 x 130 ft., rein.-con., Normandie St. between 7th and 8th Sts. $250,000.

Calif., Los Angeles — APARTMENT — E. G. Niemann Investment, Inc., 5656 Hollywood Blvd., having plans prepared by A. C. LeBrun & Co., 5656 Hollywood Blvd., 5 story and basement, 80 x 200 ft., brick, Hayworth Ave. near Fountain Ave. To exceed $150,000.

Calif., Los Angeles—THEATRE, STORE and OFFICE—Chotiner Theatres, Inc., 805 South Vermont St., having plans prepared by R. D. King, 519 Van Nuys Bldg., 2 story, 103 x 135 ft., 87th St. and La Brea Ave. $275,000.

Calif., Oroville—LODGE—B. P. O. E. had plans prepared by L. F. Starks & Co., Oschner Bldg., Sacramento, 3 story lodge building. Noted Apr. 30.

Calif., Sacramento — HOSPITAL—Sacramento Co. having plans prepared by R. A. Herold, Forum Bldg., 2 story and basement, concrete administration and ward building. $175,000.

Calif., San Francisco — THEATRE, BANK, etc.—Capitol Co., Bank of Italy Bldg., having plans prepared by H. A. Minton, Bank of Italy Bldg., theatre, bank and office building, Market and Hayes Sts. $3,000,000.

Calif., Santa Barbara—OFFICE—J. M. Hawley, Jr., had plans prepared by M. Hunt, 1107 Hibernian Bldg., Los Angeles.

Buildings—Commercial (Continued)

2 story store and office, and 1 story shop buildings. $400,000.

Calif., Santa Monica—GARAGE—Edgewater Club of Santa Monica, having plans prepared by L. Rally, 1019 Wright and Callendar Bldg., Los Angeles, 5 story, 100 x 108 ft., rein.-con., Ocean Ave. and San Vicente Terrace. To exceed $150,000.

Calif., Santa Monica—HOTEL—Palisades Hotel Co., having plans prepared by E. J. Baume, 124 San Vicente Blvd., 7 story and basement, 150 x 350 ft., rein.-con., Ocean Ave. between Marquerita and Alta Aves. $1,100,000.

Calif., San Pedro — OFFICE — Channel Building Corp., 1030 Bank of Italy Bldg., Los Angeles, had plans prepared by J. M. Haenke, 412 Rives-Strong Bldg., Los Angeles, 10 story and basement, 66 x 327 ft., rein.-con., 1st and Front Sts., here. $600,000.

Ont., Toronto—CLUB—Granite Club, 519 Church St., plans 2 story and basement, rein.-con., plain foundation, St. Clair Ave. $500,000. Engineer and architect not selected.

Ont., Toronto—OFFICE—Imperial Oil Co., 56 Church St., having plans prepared by Clinton & Russell, Metropolitan Bldg., 8 story and basement, rein.-con., brick and steel addition, plain foundation, Church St. $300,000.

Ont., Toronto—TERMINAL—White Star Transit Co., 89 Dundas St., plans 3 story and basement, rein.-con. and brick garage and terminal building, plain foundation, Dundas St. $170,000. Engineer and architect not selected.

BIDS DESIRED

N. H., Laconia — APARTMENT and STORE — T. J. McIntyre, taking bids 3 story and basement, 80 x 95 ft., brick, Main St. $150,000. L. N. J. Fuyat, Laconia, archt.

Vt., St. Johnsbury — THEATRE and STORE—A. Pegu taking bids 2 story and basement, brick theatre and store building. $150,000. Haynes & Mason, 29 Park Bldg., Fitchburg, Mass., archt.

Mass., Boston—APARTMENT—See "Contracts Awarded."

R. I., Providence—STORE and WAREHOUSE—C. J. McLeod, 200 Devonshire St., Boston, Mass., taking bids 2 story, 48 x 112 x 148 ft., rein.-con., brick and steel, 190 Richmond St., here. $160,000. B. S. D. Martin, 86 Weybosset St., archt.

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., Fishers Island — CLUB — Fishers Island Corp., taking bids 3 story and basement, 50 x 352 ft., rein.-con. and stucco club. E. M. Parsons & Co., 1 Beacon St., Boston, Mass., archts.

N. Y., Hudson—STORAGE—Canada Dry Ginger Ale Co. taking bids 1 story, 243 x 243 ft., brick and timber storage building. $150,000. Monks & Johnson, 99 Chauncy St., Boston, Mass., archts.

N. Y., New York—APARTMENT—See "Contracts Awarded."

Md., Baltimore—APARTMENT—Oct. 3, by J. Myerberg & S. Jelinek, archts., 210 North Calvert St., 3 story and basement, 80 x 85 ft. brick, plain foundation, Liberty Heights Ave. near Calloway Ave., for Julius Apartment Co. $150,000.

O., Cleveland — COMMERCIAL and APARTMENT — Carlton Impvt. Co., A. Bralosky, 826 Williamson Bldg., taking bids 3 story and basement, 65 x 133 ft., brick, Detroit Ave. $200,000. A. F. Janowitz, 811 Prospect Ave., archt.

Mich., Detroit — GARAGE — Oct. 9, by Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., 4 story, 80 x 150 ft., rein.-con. and brick, Vinewood St., for C. F. Smith Co., 615 West Grand Blvd. $150,000.

Mich., Grand Rapids—OFFICE—Oct. 9, by Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., Detroit, 12 story and basement, 88 x 89 ft. and 44 x 75 ft., rein.-con. and brick, plain foundation, Monroe St. and Ionia Ave., here, for Grand Rapids Trust Co., Monroe St.

Ill., Chicago—FIELD HOUSE—Oct. 15, by Holabird & Roche, archts., 104 South Michigan Ave., 1 story, (equivalant to 4 story), 170 x 371 ft., rein.-con., steel, brick and stone, plain foundation, 57th St. and Ellis Ave., for University of Chicago, 230 South Park St. $700,000. Noted Sept. 3.

Ill., Chicago—STORE—Oct. 20, by Holabird & Roche, archts., 104 South Michigan Ave., 6 story and basement, 130 x 166 ft., rein.-con., wood pile foundation, Lake St. and Michigan Ave., for McCormick Estate, J. F. Stone, agt. 30 North La Salle St. $1,000,000.

Wis., Milwaukee — HOTEL and BUSINESS—A. Tegtmeyer, 401 Grand Ave., taking bids 10 story and basement, 52 x 150 ft., brick, concrete and terra cotta, plain foundation, Grand Ave. $450,000. Noted July 2.

Wis., Racine — THEATRE — Oct. 14, by Rialto Amusement Co., 517 Main St., 2 story and basement, 120 x 147 ft., brick, concrete and terra cotta, plain foundation. To exceed $150,000. C. H. Crane, Huron Bldg., Detroit, Mich., archts. Noted Aug. 27.

Ia., Webster City—TEMPLE—Nov. 4, by Masonic Temple Assn., 2 story and 2 mezzanines, 51 x 111 ft., rein.-con., brick, stone and steel. Former bids rejected. H. B. Burr, Commercial Bldg., Waterloo, archt.

Tex., Brownsville—HOTEL—James-Dickson Co. taking bids 6 story and basement, rein.-con., tile and stone, plain foundation. $400,000. Kelwood Co., Travis Bldg., San Antonio, engrs. and archts. Noted Sept. 10.

Okla., El Reno—CONVENTION HALL—Oct. 5, by E. Dowell, city clk., 2 story and basement, rein.-con. and brick, plain foundation, Bickford St., for City. $150,000. Layton, Hicks & Forsythe, Braniff Bldg., Oklahoma City, archts.

Calif., Oakland—HOTEL—Boulevard Hotel Co., c/o J. L. Stewart, archt., 703 Market St., San Francisco, taking bids 14 story and basement hotel, San Pablo Ave., here. $2,000,000. Noted July 16.

BIDS RECEIVED

N. J., Skillman—STAFF HOUSE, etc.—Dept. Institutions & Agencies, Trenton, Sept. 14, general contract 30 x 107 ft. staff house, 30 x 91 ft. home, 29 x 58 ft. doctors home, and repairing cottages at New Jersey Village for Epileptics, here, from C. J. Smith Constr. Co., 3204 Academy St., Trenton, $250,000. This corrects report in Sept. 24 issue.

CONTRACTS AWARDED

N. H., Manchester—BUSINESS—H. N. Bond, c/o C. R. Whitcher, archt., 814 Elm St., 5 story and basement, 50 x 100 ft., brick and steel, Elm St., to F. A. Rumery Co., 537 Congress St., Portland, Me. Archts. est. $150,000

N. H., Manchester—STORE—H. N. Bond, 913 Elm St., 5 story and basement, 50 x 100 ft., brick and stone, Elm and Concord Sts., to F. A. Rumery Co., 537 Congress St., Portland, Me. Archts. est. $160,000.

Mass, Amherst—HOTEL—Amherst Inn, c/o Putnam & Cox, archts, 114 State St., Boston, 3 story and basement, 35 x 65 ft., with 35 x 75 ft. ell, brick, stone and steel, Spring St., to Casper Ranger Constr. Co., 20 Bond St., Holyoke. Archts. est. $150,000. Noted Aug. 20.

Mass., Boston — APARTMENT — The Madison, Inc., 31 Milk St., 10 story and basement, brick and stone, 172-174 Beacon St., to M. W. Ryan, 763 Massachusetts Ave., Cambridge. Archts. est. to exceed $150,000.

Mass., Boston — APARTMENT — W. Cohen, 33 Washington St., will build 8 story and basement, 32 x 104 ft., brick and cast stone, plain foundation, 50 Commonwealth Ave. $400,000. Work will be done by separate contracts. G. N. Jacobs, 4 Park St., archt.

Mass., Boston—BANK and OFFICE—Union Institute for Savings, 216 Tremont St., 8 story and basement, 40 x 200 ft., brick and limestone, to G. B. H. Macomber Co., 44 Bromfield St. Archts. est. to exceed $150,000. Noted Aug. 20.

Mass., Boston—HOTEL—Hotel Commodore, 315 Tremont St., Hotel Commodore, 5 story and basement, brick, Tremont St. and Bway., to Adams-Pond Co., 568 Columbia Rd., Dorchester. Archts. est. $150,000.

Mass., Boston—STORE—B. Brooker, 130 Worcester St., altering and constructing 6 story, rein.-con., brick and steel addition, to Hub Constr. Co., 333 Washington St. Archts. est. $150,000.

Mass., Brookline (Boston P. O.) — APARTMENT—Pelham Hall, Inc., c/o A. H. Bowditch, archt., 44 Broomfield St., Boston, 8 story and basement, 109 x 128 ft., rein.-con., brick and steel, to M. W. Ryan, 763 Massachusetts Ave., Cambridge. Archts. est. $1,000,000. Noted Sept. 10.

Mass., Lawrence—STORE—Garvey Bros. & Wagenbach, 362 Essex St., 4 story and basement, 60 x 100 ft., brick, plain foundation, 387 Essex St., to Shufeldt & McAloon, North Andover. Archts. est. $200,000.

Mass., Newton (Ind. br. of Boston) — STORE and OFFICE—A. Pescosilido, 192 Adams St., 3 story and basement, 50 x 135 ft., brick store and office building, to J. Cardarelli, 25 Lincoln St. Archts. est. $150,000.

Mass., Quincy (Boston P. O.) — POLICE STATION — City Pub. Building Dept., City Hall, 2 story and basement, rein.-con., brick and steel, to W. R. Lofgren, 19 Cottage St. Archts. est. $150,000. Noted Sept. 17.

Mass., Somerville (Boston P. O.)—HOS-APARTMENT—Pelham Hall, Inc., c/o A. H. Bowditch, archt., 44 Bromfield St., Boston, 8 story and basement, 100 x 128 ft., rein.-con., brick and steel, to M. W. Ryan, 763 Massachusetts Ave., Cambridge. Archts. est. $1,000,000. Noted Sept. 10.

Mass., Waltham (Ind. br. of Boston)—CITY HALL—H. T. Beale, Mayor, 2 story and basement, 65 x 105 ft., brick, limestone and granite, to C. S. Cunningham & Sons Co., 80 Boylston St., Boston, $252,551. This corrects report in Sept. 24 issue.

R. I., Providence — BUSINESS—Swedish Workingmens Assn., c/o Clarke & Howe, archts., 1208 Turks Head Bldg., 3 story and basement, brick and steel, to A. W. Marchant, Inc., Hospital Trust Bldg. Archts. est. $150,000. Noted April 23.

R. I., Providence — OFFICE — Mortgage Title & Guarantee Co., 209 Turks Head Bldg., 6 story and basement, 58 x 135 ft., brick and steel, Westminster St., to A. W. Merchant, Inc., Hospital Trust Bldg. Archts. est. $250,000.

Conn., Hartford — BUSINESS—Odd Fellows Hall Assn., 420 Main St., 4 story, 44 x 185 ft., brick and steel, Main St., to Wise & Upson, 36 Pearl St. Archts. est. $200,000. Noted Aug. 20.

N. Y., Brooklyn—APARTMENT—L. Gold & Co., 270 Madison Ave., New York City will build 6 story, 100 x 120 ft., brick, steel and stone, plain foundation, Livingston St., here. $300,000. Work will be done by separate contracts. Shwartz & Gross, 347 5th Ave., New York City. Archts. and engrs.

N. Y., New York—APARTMENT—Claire Building Corp., c/o C. Kreymborg & Son, archts. and engrs., 2534 Marion Ave., will build 6 story, 100 x 100 ft., brick, steel and stone, plain foundation, Woodycrest Ave., by day labor. $175,000.

N. Y., New York—APARTMENT—Courtland Bishop Corp., 14 Wall St., 15 story, 100 x 200 ft., brick, steel and stone, plain foundation, 6th Ave. and 55th St., to Cauldwell-Wingate Co., 381 4th Ave. Archts. est. $1,500,000. Noted May 14.

N. Y., New York—HOTEL—Savoy Hotel, L. A. Boomer, pres., 767 5th Ave., 37 story, 200 x 300 ft., brick, steel and stone, plain foundation, 5th Ave. and 59th St., to Fuller Constr. Co., 175 5th Ave. Archts. est. $17,000,000. Noted Oct. 16.

N. Y., New York—WAREHOUSE—Manhattan Storage & Warehouse Co., 124 East 42nd St., 15 story, rein.-con., brick and steel, 201 East 80th St., to M. Eidlitz, 33 East 42nd St. Archts. est. $900,000. Noted Sept. 17.

N. J., Atlantic City — HOTEL — Hotel Shelburn, Michigan and Beach Aves., 14 story, brick, steel and stone, plain foundation, to Fuller Constr. Co., 175 5th Ave., New York City.

N. J., Westfield—ARMORY—State Military Bd., Trenton, 22 x 140 ft., brick and steel armory, here, to Sobray & Whitcomb, 105 West 40th St., New York City, $164,524. Noted Sept. 24.

Pa., Lansdowne—APARTMENT—J. F. Roystone, 715 East Girard St., will build 4 story and basement, 110 x 160 ft., rein.-con., brick and steel, plain foundation, Stratford and Lansdowne Sts. $300,000. Work will be done by separate contracts. S. Kaplan, 10 South 18th St., Phila., archt.

Pa., Oil City—BANK—Weary & Alford, archts., 1923 Calumet Ave., Chicago, Ill., 4 story, mezzanine and basement, 63 x 100 ft., brick, terra cotta and steel, Seneca and Center Sts., here, general contract to H. L. Vanderkorst, Kalamazoo, Mich., for Oil City Natl. Bank, 49 Seneca St. $300,000. Noted July 2.

Pa., Phila.—OFFICE and BANK—Ballinger Co., archts., 12th and Chestnut Sts., and Heacock & Hokenson, archts., 1211 Chestnut St., 18 story and basement, 39 x 136 ft., rein.-con., brick, stone and steel, plain foundation, Sydenham and Walnut Sts., to Roydhouse-Arey Co., 112 North Broad St., for Mutual Trust Co., 4th and Market Sts. Archts. est. $1,100,000. Noted Sept. 17.

Pa., Phila.—RESTAURANT and OFFICE—R. Benckert, archt., Bellevue Court Bldg., 9 story and basement, 42 x 153 ft., rein.-con., brick and steel, plain foundation, 16th and Chestnut Sts., to Roberts & Roller, 1904 Sansom St., for Horn & Hardart Baking Co., 240 South 10th St. Archts. est. $600,000. Noted Sept. 3.

Pa., Pittsburgh — GARAGE — Pittsburgh Parking Co., Inc., general contract 6 story and basement, 90 x 160 ft., concrete, brick and steel, Pennsylvania Ave. and Evans Way, to Mellon-Stuart Co., Oliver Bldg. Archts. est. $400,000. Noted July 30.

Fla., St. Petersburg—NEWSPAPER and OFFICE—Times Publishing Co., 4 story, rein.-con. and steel, 1st Ave. S. between 4th and 5th Sts., to E. S. Moore & Son, St. Petersburg, $250,000.

Buildings—Commercial (Continued)

Fla., St. Petersburg — THEATRE and OFFICE—Famous Players-Lasky Corp., 485 5th Ave., New York City, theatre and office building, here, to Fuller Constr. Co., 175 5th Ave., New York City. Archts. est. $500,000. Noted Feb. 12.

Fla., Tampa—THEATRE and OFFICE—Famous Players-Lasky Corp., 485 5th Ave., New York City, theatre and office building, here, to G. A. Fuller, 175 5th Ave., New York City. Noted Feb. 12.

Miss., Biloxi — HOTEL — C. Matthis, archt., general contract 5 story rein.-con., stucco and steel addition to Buena Vista Hotel, to A. Blair, 11 South Lawrence St., Montgomery, Ala., $151,500; plumbing and heating, to Biloxi Plumbing Co., Biloxi, $45,687, for Buena Vista Hotel Co. Noted Sept. 3.

Tenn., Chattanooga — HOTEL — Read House, 9th and Broad Sts., S. R. Reed, pres., 328 room addition to hotel, to Fuller Constr. Co., 175 5th Ave., New York City, N. Y. Noted Jan. 8.

Tenn., Nashville — OFFICE, LODGE, GARAGE, etc.—I. O. O. F., general contract rein.-con., brick, cut stone and terra cotta building, incl. office, lodge, garage and auditorium, to F. Creighton, 4th & 1st Natl. Bank Bldg., $125,640. Archts. est. $800,000.

O., Akron—AUDITORIUM—Knights of Columbus Lodge, 282 West Market St., brick and stone auditorium, West Market St., to Carmichael Constr. Co., 524 Central Saving & Trust Bldg., $150,000.

O., Canton—GARAGE—Rogers Motor Sales Co., 211 Tuscarawas St. W., 1 story, 50 x 205 ft., brick garage, to Bambeck & Nau, 817 Clarendon Ave. N. W., $150,000.

O., Cleveland—COMMERCIAL, OFFICE and APARTMENT—Euclid-Ford Co., c/o M. W. Bruml, pres., Guardian Bldg., 5 story and basement, 89 x 143 ft., brick and concrete, Euclid Ave. and Mayfield Rd., to B. Zuckerman, 11605 Kinsman Rd. Archts. est. $400,000.

O., Toledo—STORAGE—Citizens Ice Co., J. Murphy, pres., 1609 Adams Ave., 1 story, 22 x 54 ft., brick and steel plant, to Le Duke Constr. Co., 14920 Clifton Blvd., Lakewood. Archts. est. $150,000.

Ill., Chicago — BANK and OFFICE — Allied State Securities Corp., 10 North Clark St., general contract 6 story and basement, 75 x 125 ft., rein.-con., brick and terra cotta, wood pile foundation, Ogden Ave. and Wood St., to McLennan Constr. Co., 307 North Michigan Ave. Archts. total est. $350,000. Noted April 30.

Ill., Chicago — CLUB HOUSE — Lake Shore Athletic Club, 400 North Michigan Ave., general contract 18 story and basement, 158 x 408 ft., rein.-con., brick and steel, wood pile foundation, Lake Shore Dr. and Chestnut St., to Hegeman-Harris Co., Inc., 431 North Michigan Ave., $3,650,000. Archts. est. $4,500,000.

Wis., Kenosha — BUSINESS — Bain Wagon Co., Main St., 3 story, 77 x 100 ft., brick and tile, plain foundation, Main St., to Madsen & Peterson, 646 Builders Exch., Minneapolis, Minn. Archts. est. $150,000.

Wis., Milwaukee — BANK — Herbst & Kuenzli, archts., 114 Grand Ave., 2 story and basement, brick, plain foundation, Vliet St., to E. Stelgerwald & Sons, 51st and State Sts. Archts. est. $150,000. Noted Aug. 20.

Wis., Racine—APARTMENT—W. Leutner, 927 Grand Ave., 3 story and basement, rein.-con. and brick, plain foundation, Howland Ave., to A. C. Kappel, 526 Wisconsin St. Archts. est. $150,000.

Ia., Des Moines — TEMPLE — Shrine Temple Assn., 720 6th Ave., general contract 3 story and basement, rein.-con., brick, steel and stone, 9th and Pleasant Sts., to J. and W. A. Elliott Co., 906 Lumber Exch., Minneapolis, Minn., $678,445. Noted Aug. 13.

Ia., Sioux City — EXCHANGE — Sioux City Telephone Co., Commerce Bldg., J. A. Rae, vice pres. and genl. mgr., general contract 3 story and basement, rein.-con. and brick, 9th and Douglas Sts., to J. H. Keefe, 518 United Bank Bldg., about $175,000. Noted Aug. 20.

Kan., Wichita — BANK and OFFICE — H. M. Vitzthum, archt., 307 North Michigan Ave. Chicago, Ill., general contract Union Natl. Bank, 14 story and basement, 75 x 120 ft., rein.-con., terra cotta and stone, here, to G. H. Siedhoff, Broadview Hotel, for Edith Rockefeller McCormick, c/o Krenn & Dato, 936 North Michigan Ave., Chicago. Archts. est. $2,000,000.

Mo., St. Joseph — CITY HALL — Dept. Pub. Wks., general contract 3 story, 120 x 120 ft., rein.-con., steel and Bedford stone, concrete foundation, 10th and Frederick Sts., to Lehr Constr. Co., 1712 Fred Ave., $417,186; heating and plumbing, to M. J. Donegan, 110 South 4th St., $25,971. Noted Sept. 3.

Okla., McAlester—HOTEL—B. A. Enloe, 5 story and basement, 50 x 140 ft., rein.-con. and brick, plain foundation, Main St., to W. R. Turner, Holdenville, $171,600. Archts. est. $175,000. Noted Aug. 27.

Calif., Los Angeles—APARTMENT—J. W. Fox, 4 story, 58½ x 125 ft., brick, Normandie and 8th Sts., to Edwards, Wildey & Dixon Co., Wildey & Dixon Bldg., $150,000.

Calif., San Diego—BANK and OFFICE—J. D. Spreckels, general contract 3 story and basement, 100 x 200 ft., rein.-con., to Edwards, Wildey & Dixon, Wildey & Dixon Bldg., Los Angeles, $934,000. Noted Dec. 4, 1924.

Buildings—Educational, Religious

PROPOSED WORK

N. H., Rochester — HIGH SCHOOL — School Com. postponed construction 3 story and basement, 68 x 70 ft. and 52 x 90 ft., brick and stone, plain foundation. $165,000. J. E. Richardson, 56 Grove St., Dover, archt. Noted June 18.

Mass., Everett (Boston P. O.)—SCHOOL and CONVENT—St. Joseph French Roman Catholic Church, H. J. Gilion, Buckman St., pastor, having plans prepared by W. F. Fountaine, 285 Main St., Woonsocket, R. I., 2 story, brick, Bucknam St. $150,000.

Mass., Fall River—HIGH SCHOOL—City, Bd. Educ. having plans prepared by L. F. Destremps, 11 Pleasant St., 40 room Junior High School, brick and steel, Norwood St. $750,000.

Mass., Fall River — SCHOOL — City, Mayors' Office having sketches made by J. I. Higgins, 44 Borden Blk., 2 story and basement, brick, Bay St. $150,000.

Mass., Roslindale (Boston P. O.) — SCHOOL — Schoolhouse Dept., City Hall, Boston, having preliminary plans prepared by J. M. Gray Co., 175 High St., Boston, Washington Irving School, 2 story, brick, here. $500,000.

Mass., Westfield—HIGH SCHOOL—City, R. Loomis, chn. school com., having plans prepared by M. B. Harding, 97 Elm St., 3 story and basement, 110 x 300 ft., rein.-con. brick and steel, Franklin St. $400,000.

R. I., Central Falls—CHURCH—Notre Dame Parish having sketches made by E. Cormier, Peel and St. Catherine Sts., Montreal, Que., 1 story, brick and stone church. $150,000 or more.

R. I., Providence — CHURCH — Sacred Church of Christ having revised plans prepared by C. H. Lockwood, 171 Westminster St., 1 story and basement, 70 x 100 ft., brick and steel, Elmwood Ave. and Whitmarch St. $150,000-$175,000. Noted Sept. 3.

R. I., Providence — COLLEGE — Providence College, Eaton St., having plans prepared by J. W. Donohue, 476 Main St., Springfield, Mass., brick and steel college. $400,000. Noted June 18.

Conn., Hartford—GYMNASIUM—City, South School Dist. Com. having plans prepared by Whiton & McMahon, 805 Main St., 2 story and basement gymnasium, incl. 64 x 85 ft. basketball room, 25 x 60 ft. swimming pool, offices, etc., brick and steel, John St., $150,000.

Conn., Hartford — SCHOOL — City, Barnard Dist., E. W. Cotter, 11 Windsor Ave., plans brick and steel, North Main St., to be built in 3 units. $500,000 bonds to be issued for same. Engineer and architect not selected.

N. Y., Albany — HIGH SCHOOL — Bd. Contr. & Supply, City Hall, rejected bids Sept. 8, Junior High School, Delaware Ave. Will readvertise. Noted Sept. 24.

N. Y., New York—SCHOOL—Bd. Educ., 500 Park Ave., having plans prepared by W. H. Gompert, archt. and engr., Flatbush Ave. extension and Concord St., Brooklyn, 4 story, brick, steel and stone, plain foundation, Fordham Rd. $2,668,000.

N. J., Blackwood—HIGH SCHOOL—Bd. Educ., J. Price, Glendora, having plans prepared by T. Stephen, Temple Bldg., Camden, and takes bids about Oct. 10 Junior High School, 2 story and basement, 106 x 130 ft., rein.-con. and brick, plain foundation. $150,000.

Pa., Johnstown — SCHOOLS — Election Nov. 3, $1,250,000 bonds, completing Garfield Junior High School and construct 3 ward school buildings, for Bd. Educ.

N. C., Greensboro — CHURCH — Forest Ave. Baptist Church, E. E. White, pastor, plans new church, Forest Ave., $250,000.

N. C., High Point — HIGH SCHOOL — Plans new high school and improving other schools. $750,000 bonds sold.

Miss., Raymond—HIGH SCHOOL—Hinds Co. plans election $150,000 bonds, equipment and addition to Agricultural High School.

O., Bexley (Columbus P. O.)—SCHOOL—Bd. Educ., J. Henney, clk., 2462 Brentwood Ave., Columbus, having sketches made by Miller & Reeves, 16 South 3rd St., Columbus, 3 story and basement, brick, Cassingham and Elm Sts., here. $300,000.

O., Cincinnati — SCHOOL — Bd. Educ., Denton Bldg., having plans prepared by S. Hannaford & Son, 1024 Dixie Terminal Bldg., 3 story and basement, 60 x 200 ft., rein.-con. and brick, plain foundation, Rockdale Ave. $350,000.

O., Georgesville (mail Galloway) — SCHOOL — Bd. Educ. Pleasant Twp., C. O. Smith, clk., Harrisburg, having sketches made by Richards, McCarty & Bulford, 584 East Broad St., Columbus, 2 story, brick high school. $157,940.

O., Harrisburg — SCHOOL — Bd. Educ. Pleasant Twp., C. O. Smith, clk., having sketches made by Richards, McCarthy & Bulford, 584 East Broad St., Columbus, 2 story, brick school. $157,940.

O., Vermilion—HIGH SCHOOL—Bd. Educ., C. A. Trinter, clk., having plans prepared by Walker & Norwick, 1301 American St., Dayton, 2 story and basement, rein.-con. and brick, $200,000.

O., Cincinnati — CHURCH — St. Monica Church, 2436 Reading Rd., having plans prepared by Crowe & Schulte, 2436 Reading Rd., 1 story and basement, 87 x 162 ft., rein.-con., brick and stone, plain foundation, Fairview Ave. $350,000.

Ill., Freeport — CATHEDRAL—Freeport Consistory S. P. R. S. plans Scottish Rite Cathedral, 2 or 3 story and basement, 120 x 229 ft., on site present building. $500,000. Engineer and architect not selected.

Wis., Delafield—MEMORIAL CHAPEL—St. John's Military Academy having plans prepared by T. S. Van Alyea, 424 Jefferson St., 2 story, 60 x 140 ft., rein.-con. and stone memorial chapel. $150,000.

Wis., Racine — HIGH SCHOOLS — Bd. Educ., A. H. Schafer, secy., soon takes bids for plans and specifications, 2 rein.-con., brick and tile high schools, plain foundations. $900,000. Engineer and architect not selected. Noted Aug. 6.

Ia., Des Moines — CHURCH — Grace Methodist Episcopal Congregation, c/o L. M. Grigsby, 936 18th St., rejected bids 3 story and part basement, 60 x 124 ft., and 82 x 88 ft., rein.-con., brick, steel and stone, Cottage Grove and 37th Sts. $250,000. Noted Sept. 10.

Minn., Minneapolis — BOTANY and PHYSICS—State Bd. Educ., Capitol Bldg., St. Paul, had plans prepared by J. H. Forsythe, constr. archt. State Bd. Regents, and C. H. Johnston, 715 Capital Bank Bldg., 3 story botany building $225,000, and 4 story physics building, $450,000, both rein.-con., brick and stone, at University, here.

Kan., Emporia—MUSIC HALL—State Teachers College takes bids about Nov. 15, 2 story and basement, rein.-con., brick and stone music hall. $150,000. C. D. Cuthbert, State House, Topeka, archt.

Mo., Columbia — HIGH SCHOOL — Bd. Educ. plans high school. $400,000.

Mo., Kirksville—COLLEGE—Northeastern Missouri State Teachers College, J. Kirk, chn., having plans prepared by R. H. Sanneman, 519 Lee Bldg., Kansas City, and I. Dunbar, associated archt., 1026 East Harrison Ave., 3 story and basement, 122 x 148 ft., rein.-con., brick and steel administration building. $400,000.

Tex., Sudan — HIGH SCHOOL — Sudan Independent School Dist. having plans prepared by Ribble & Ribble, engrs. and archts., Lubbock, 2 story and part basement, rein.-con., brick and stone, plain foundation. $150,000.

Tex., Wichita Falls — CHURCH — First Methodist Church, W. J. Johnson, pastor, having sketches made 3 story and part basement, rein.-con., brick and stone, plain foundation. $500,000. Engineer and architect not selected.

Okla., Plaquemine—CHURCH—St. Johns Catholic Church, F. Bosh, pastor, takes bids after Oct. 7, 2 story and basement, rein.-con., brick and stone church, plain foundation. $300,000. E. Weil, Whitney Bldg., New Orleans, archts. and engrs.

Calif., Covina — SCHOOL — California Preparatory School for Boys, had plans prepared by R. Meier, Title Insurance Bldg., Los Angeles, group of 1 and 2 story, rein.-con., and timber school buildings with swimming pool, here. To exceed $160,000. Noted May 28.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ. plans J. C. Fremont High School, 2 story, 70 x 230 ft. science building, 1 story, 60 x 160 ft. manuel arts building, 2 story, 100 x 200 ft. gymnasium building. $310,000.

Calif., Oakland—HIGH SCHOOL—Bd. Educ. had plans prepared by W. J. Miller,

Buildings—Educational, Religious (Cont.)

417 Market St., San Francisco, addition to Alexander Hamilton Junior High School. $165,000. Noted Apr. 9.

Ont., Windsor — SCHOOL — Bd. Educ., having plans prepared by Nicholls, Sheppard & Masson, Dowler Bldg., 2 story and basement, rein.-con. and brick, plain foundation, Tecumseh Rd. and Hall Ave. $300,000.

BIDS DESIRED

Mass., Arlington (Boston P. O.) — CHURCH — Church of Our Savior, W. M. Bixby, pastor, 38 Marathon St., taking bids 1 and 2 story and basement, rein.-con., brick and stucco church. $150,000. C. C. Coveney, 184 Boylston St., Boston, archt. Noted April 16.

Mass., Boston — CHURCH — Boston Missionary Church Extension Society of Methodist Episcopal Church, 81 Boylston St., taking bids First Italian Methodist Episcopal Church, 1 story and basement, brick and stone, Hanover and Salutation Sts. $150,000. Woodbury & Stuart, 581 Boylston St., archt. Noted June 18.

Mass., Boston — SCHOOL — St. Williams Roman Catholic Church, D. J. Murphy, pastor Dorchester Ave. and Belfort St., taking bids 2 story and basement, 100 x 175 ft., brick and stone, Savin Hill Ave., Tuttle and Sydney Sts. $150,000. T. E. Sheehan, 120 Boylston St., archt.

Mass., Marion — DORMITORY — Tabor Academy, taking bids 2 story and basement, 60 x 400 ft., brick and stucco dormitory. $150,000. Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, archts.

Mass., Montague—SCHOOL—Town, J. J. Quin, chn. Building Com., taking bids 2 story and basement, brick and stone, Crocker Ave. $150,000. J. F. Cullen, 333 Washington St., Boston, archt. Noted Aug. 6.

Mass., New Bedford—HIGH SCHOOL—City, School Com., J. Catterall, chn., taking bids South Junior High School, 2 story and basement, brick and steel, $700,000. W. Tallman, 271 Union St., archt. Noted Aug. 20.

Mass., Taunton—SCHOOL—Oct. 9, by Pub. Property Com., J. P. Coyle, chn., 2 story and basement, rein.-con., brick and stone. $500,000. McLaughlin & Burr, 88 Tremont St., Boston, archts. Noted Aug. 7.

R. I., Bristol — SCHOOL — Oct. 6, by Town, School Com., 2 story and basement, limestone, brick and steel, plain foundation, Washington St. $250,000. Clarke & Howe, 1208 Turks Head Bldg., Providence, archt. Noted Jan. 8.

N. J., Camden — SCHOOLS — Oct. 2, by School Bd. Pensauken Twp., two 2 story and basement, 50 x 212 ft., and 39 x 93 ft. rein.-con. and brick, plain foundations one at Wistaria Ave., east of Lexington Ave., and other at 5 th St. and South Forrest Ave. I. T. Catherine, Franklin Trust Bldg., Phila., Pa., archt. Noted Sept. 10.

N. J., Long Branch—SCHOOL—Oct. 19, by Bd. Educ., 2 story, 71 x 251 ft., and 117 x 153 ft., brick and steel, plain foundation, Westwood Ave. Guilbert & Betelle, 20 Branford Pl., Newark, and E. A. Arend, 105 West 40th St., New York City, archts.

Pa., Lansdowne — APARTMENT — See "Contracts Awarded."

Pa., Laurelton—DORMITORY—Oct. 9, by Laurelton State Village for Feeble Minded, State Capitol, Harrisburg. Dormitories 5 and 6, each 2½ story and basement 84 x 100 ft., and 2½ story and basement, 40 x 50 ft. supt. cottage, rein.-con., brick, stone and steel, here. $175,000. G. S. Idell, 1510 Chestnut St., Phila., archt. Noted July 9.

Pa., Midland—HIGH SCHOOL—Oct. 12, by Bd. Educ. and W. G. Eckles Co., archts., New Castle, 1 and 2 story and basement high school. $300,000. Former bids rejected. Noted Sept. 10.

Pa., Phila.—DORMITORIES—Oct. 6, by Stewardson & Page, archts., 315 South 15th St., Dormitories 33 and 34, each 4 story and basement, 45 x 129 ft., rein.-con., brick and steel, plain foundation, 34th and Spruce Sts., for Trustees of University of Pennsylvania, 34th and Spruce Sts. $400,000.

Pa., Phila.—PUBLIC SCHOOL—Oct. 6, by Bd. Educ., 19th and Chestnut Sts., 4 story and basement, 73 x 189 ft., rein.-con. and brick, plain foundation, 23rd and Jefferson Sts. $350,000. L. T. Catharine, 19th and Chestnut Sts., archts.

Pa., York — SENIOR HIGH SCHOOL — Oct. 15, by School Dist., D. N. Crider, secy., Central School Bldg., rein.-con., brick and steel, plain foundation, Beaver St. and College Ave. J. B. Hamme, City Bank Bldg., archt. Noted June 11.

Del., Newark—DORMITORY—Oct. 6, by Delaware School, Auxiliary Assn., Dupont Bldg., Wilmington, 3½ story, 35 x 116 ft., brick, plain foundation, here, for Delaware University. $150,000. Day & Klauder, Franklin Bank Bldg., Phila., Pa., archts. Noted July 2.

O., Mansfield—HIGH SCHOOL—Oct. 10, by Bd. Educ., completing 3 story and basement, brick high school. $150,000. Althouse & Jones, Mansfield, archts.

Mich., Detroit—SCHOOLS—Oct. 9, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway. Ave., 2 story and basement, 155 x 175 ft., rein.-con., plain foundation, Grover Ave., McGrath, Dohmen & Page, 2231 Park Ave., archts.; also for 2 story, 75 x 102 ft., rein.-con. open air school, Davison Ave., Donaldson & Meir, 1319 Penobscot Bldg., archts.

Ill., Waukegan—GYMNASIUM—Oct. 6, by Township Highschool Bd., gymnasium building, 48 ft. high, 136 x 183 ft., rein.-con., brick and stone. $275,000. Shattuck & Layer, 19 South La Salle St., Chicago, engrs.

Wis., Cudahy—HIGH SCHOOL—Oct. 10, by Bd. Educ., W. Rasche, pres., (1st unit), 2 story and basement, 62 x 180 ft., and 60 x 60 ft., brick and tile, plain foundation. $180,000. Rosman & Wierdsma, 490 Bway., Milwaukee, archts. Noted Sept. 24.

Wis., Marinette—SCHOOL—Oct. 15, by St. Joseph's Congregation, c/o E. Vaissiere, pastor, 1230 Elizabeth Ave., 2 story and basement, brick and tile, plain foundation. $150,000. W. E. Reynolds, 113 South Roosevelt St., Green Bay, archts.

Ia., Marshalltown—HIGH SCHOOL—Oct. 16 (extended date), by Bd. Educ., D. R. Jackson, secy., 3 story and basement, 196 x 236 ft., rein.-con., brick and stone, plain foundation, 10th and West Boone Sts. $325,000. H. E. Reimer, Marshalltown, and Dougher, Rich & Woodburn, 320 VNB., Des Moines, associated archts. Noted Sept. 3.

Minn., Duluth—HIGH SCHOOL—Dec. 1, by C. A. Bronson, clk. Bd. Educ., 220 North 1st Ave. E., East End Junior High School, 3 story and basement, 175 x 180 ft., rein.-con., brick and steel, Woodard Ave. $500,000. C. W. Kelly, 507 Lonsdale Bldg., archt and engr.

Kan., Hays—LIBRARY—Oct. 6, by C. D. Cuthbert, archt., 735 Kansas St., Topeka, 3 story and basement, 95 x 145 ft., rein.-con., and stone, here, for State Teachers College. $150,000. Noted Aug. 20.

Mo., St. Louis—CHURCH, SCHOOL, CONVENT, etc.—Oct. 5, by H. P. Hess, archt., 1237 North Taylor Ave., 2 and 3 story and basement, rein.-con., brick and stone, Louisiana Ave., for St. Cecelias Parish, B. J. Benton, pastor.

Tex., Childress — SCHOOL — City, Pub. School Bd., taking bids 2 story, part basement, 58 x 200 ft. school, with 70 x 97 ft. wing. $150,000. G. A. Carlander, 15 Massie Bldg., Amarillo, engr. and archt.

Tex., San Antonio—HIGH SCHOOL—City taking bids 1 and 2 story and part basement, rein.-con. brick and stone, plain foundation, Yorkshire and Berkshire Aves. $250,000. Phelps & DeWees, Gunter Bldg., archts. A. B. and R. M. Ayers, Bedell Bldg., associated archts. Noted Aug. 27.

Okla., El Reno—HIGH SCHOOL—Oct. 5, by N. B. Waldo, clk. Bd. Educ., 4 story and basement, 124 x 146 ft., rein.-con. and brick addition, plain foundation, Rock Island St. $165,000. Layton, Hicks & Forsythe, Braniff Bldg., Oklahoma City, archts. Noted July 30.

BIDS RECEIVED

Mass., Haverhill—SCHOOL—City, City Councils Office, altering and constructing 3 story and basement, brick and stone addition, Grove St., from Z. A. Houle, Lowell, $168,750. Noted Sept. 17.

Calif., San Francisco — SCHOOL — Bd. Pub. Wks., Lafayette School in Park Presidio Dist., general contract from J. L. McLaughlin, 251 Kearny St., San Francisco, $318,250. Noted Oct. 16, 1924.

CONTRACTS AWARDED

Mass., New Bedford—HIGH SCHOOL—City, Pub. Building Comn., City Hall, North Junior High School, 2 story and basement, 65 x 258 ft., and 65 x 95 ft. brick and steel, to M. Chainay, 2079 Achushnet Ave., $392,900; heating and ventilating, to J. N. Conway, 5 Atlantic St., $63,347. Noted Sept. 24.

Mass., Woburn—SCHOOL—City, T. H. Duffy, mayor, 2 story and basement, 65 x 85 ft., brick and stone, Central St. and Montvale Ave., to Casey & Darcy, 1179 Tremont St., Roxbury. Archts. est. $150,000. Noted June 11.

Conn., Winsted—SCHOOL—Town, S. Clifton, chn. School Com., 2 story and basement, 60 x 125 ft., brick and steel, North Main St., to F. W. Fuller, West Goshen, (Torrington P. O.). Archts. est. $150,000. Noted Sept. 17.

N. Y., Springfield—SCHOOL—Bd. Educ., Newark, brick, steel and stone addition, plain foundation, Westfield Ave., here, to W. C. Phelps & Co., 21 Fulton St., Newark. Archts. est. $150,000.

Pa., Haverford—HIGH SCHOOL—Bd. Educ., J. W. Huff, supt., 2 story and basement, 71 x 200 ft., rein.-con., Cooperstown Rd., to Bowden Constr. Co., 1935 Chestnut St., Phila. Archts. est. $225,000. Noted Sept. 10.

Va., Petersburg—HIGH SCHOOL—City, constructing Anna P. Balling Junior High School, to Harwood Constr. Co., Newport News, $242,947.

Mich., Marquette—HIGH SCHOOL—Bd. Educ., H. A. St. John, secy., 3 story and basement, 200 x 260 ft., rein.-con. and brick, plain foundation, to Hegner Constr. Co., 1213 North Appleton St., Appleton, Wis., $351,940. Noted Sept. 10.

Wis., Madison — DORMITORIES — University of Wisconsin, M. E. McCaffrey, secy., 3 story and basement, brick, stone and concrete, plain foundation, to W. W. Oeflein, Inc., 86 Michigan St., Milwaukee, $553,161. Noted Sept. 3.

Wis., Oshkosh—VOCATIONAL SCHOOL—Bd. Industrial Educ. and School Bd., H. Schriber, pres., 1 and 2 story and basement, brick and concrete school and recreation building, plain foundation, to C. R. Meyer & Sons Co., 50 State St., $256,720. Noted Sept. 3.

Wis., Wausau — HIGH SCHOOL — Bd. Educ., S. B. Tobey, supt. schools, (1st unit) Central High School, 3 story and basement, brick and concrete, plain foundation, to H. Evers, 656 Builders Exch., Minneapolis, Minn., $199,586. Noted Aug. 27.

Mo., St. Louis—SCHOOL—Bd. Educ., 911 Locust St., general contract Shenandoah School, 3 story, rein.-con., brick and stone, to Humes-Deal Constr. Co., Syndicate Trust Bldg., $203,871; heating and ventilating, to Sodeman Heating & Plumbing Co., 23rd and Morgan Sts., $30,983. Noted July 23.

Wis., Montreal — SCHOOL — Bd. Educ., c/o E. H. Reid, clk., 2 story and basement, brick and tile, to Tomlinson & Egan, Ashland, $81,653. Noted Sept. 3.

Federal Government Work

BIDS DESIRED

N. Y., Brooklyn—Tile Deck—Oct. 14, by Bureau Yards & Docks, Navy Dept., Wash., D. C., promenade tile roof deck, at Naval Hospital, here; adv. E. N.-R. Oct. 1.

N. Y., New York—Fire Protection System—Oct. 13, by U. S. Veterans Bureau, Room 791, Arlington Bldg., Wash., D. C., fire protection system, at U. S. Veterans Hospital 81, Bronx, here.

Pa., Phila.—Dredging—Oct. 15, by U. S. Engineer Office, 1505 Race St., 663,000 cu. yd. dredging in Delaware River, at Phila. Harbor.

Md., Baltimore—Roads—Oct. 9, by Treas. Dept. at office J. S. Wetmore, acting supervising archt., Wash., D. C., extending and remodeling roads at U. S. Marine Hospital, here.

D. C., Wash.—Turbines—Oct. 27, at U. S. Engineer Office, Navy Dept. Bldg., installing and testing 3 hydraulic turbines for water supply for Dist. of Columbia; adv. E. N.-R. Oct. 1.

S. C., Columbia—Additions—Oct. 12, by Treas. Dept. at office J. A. Wetmore, acting supervising archt., Wash., D. C., new mezzanine floor, etc., for U. S. Post Office (old), here.

Fla., Jacksonville — Derrick Boat — Oct. 23, by U. S. Engineer Office, steel derrick boat for dredge "Barnard;" adv. E. N.-R. Oct. 1.

Ky., Louisville—Metal Work—Oct. 20, by U. S. Engineer Office, Custom House, 1,678,000 lb. metal work for Dams 49 and 50, Ohio River, here.

Ky., Louisville—Gates—Oct. 26, by U. S. Engineer Office, P. O. Box 72, gates for Locks 46 and 49, Ohio River; adv. E. N.-R. Oct. 1.

Tex., Galveston—Repairing Dredge—Oct. 28, by U. S. Engineer Office general repair of U. S. Seagoing Hopper Dredge "Galveston;" adv. E. N.-R. Oct. 1.

BIDS RECEIVED

N. Y., New York—Dredging—U. S. Engineer Office, 2nd Dist., dredging and rock removal in New York and New Jersey Channels, from Seely Eng. Co., Inc., 30

Federal Government Work (Continued)

Church St., New York City, at $15.30 per cu.yd., total $264,920. Noted Sept. 3.

D. C., Wash.—Filtration Plant—U. S. Engineers Office, Navy Dept. filtration for Dist. of Columbia Water Supply Project, (1) superstructures of plant, garage, etc. (2) type A dwelling with heating, (3) type B dwelling with heating and lighting, from C. H. Tompkins, 1612 Park Rd., (1) $724,000 (2) $53,600 (3) $203,000. Noted Aug. 27.

Minn., St. Paul—Painting, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., repairs to plaster, painting, etc., at post office, here, from Pearson-Regnell Co., 5816 Bway., Chicago, Ill., $26,266. Noted Sept. 3.

Mo., Kansas City—Dike—U. S. Engineer Office, Sept. 15, 2,100 ft. river dikes at Howard's Bend, Missouri River, from Kansas City Bridge Co., 510 Orear-Leslie Bldg., $74,760. Noted Sept. 10.

Mo., St. Louis—Barges—U. S. Engineer Office, 428 Customhouse, Sept. 21, 6 steel barges, from Dravo Contg. Co., Neville Island, Pittsburgh, Pa., $95,220.

Tex., Comanche — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story, brick, tile and stone post office, here, from Deans & Groggin, Thibodaux, La., $38,615, concrete 1st floor $1,350. Noted Aug. 27.

Idaho—Roads—C. H. Purcell, dist. engr. Bureau Pub. Roads, Dept. Agriculture, Davenport Hotel, Spokane, Wash., clearing and grading 5.72 mi. Falls Sect. Lowell-Selway Natl. Forest Development Rd., Selway Natl. Forest, Idaho Co., here, $57,009 from Payne & Doust, Spokane, Wash., 1.5 mi. Howe Mountain Sect. Clarks Fort-Idaho Natl. Forest Rd., in Pend O'Reille Natl. Forest, Bonner Co., from S. Orino, 3008 Sharp St., Spokane, Wash., $42,450.

CONTRACTS AWARDED

N. Y., Brooklyn — Post Office — Treas. Dept., office Supervising Archt., Wash., D. C., remodeling post office and courthouse, here, to W. L. Morrison Constr. Co., 613 15th St. N. W., Wash., D. C., $41,450.

N. Y., New York—Dredging—U. S. Engineer Office, 2nd Dist., Army Bldg., dredging and rock removal in New York and New Jersey channels, to Great Lakes Dredge Co., 17 Battery Pl., $402,851. Noted Sept. 17.

Ala., Florence—Paving—U. S. Engineer Office, Wash., D. C., vitr. brick paving at Wilson Dam, here, to Merrill Eng. Co., Jackson, Miss. $17,631. Noted Aug. 20.

Ky., Dawsonsprings—Roads—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., resurfacing roads at Veterans Hospital 79, to N. E. Stone Co., Madisonville, $25,000.

Tex., Galveston—Barge—U. S. Engineer Office, furnishing and delivering 2,000 bbl. steel oil barge, to Dravo Contg. Co., Neville Island, Pittsburgh, Pa. $14,680. Noted Aug. 13.

Unclassified

PROPOSED WORK

Pumping Station, etc.—Somerville (Boston P. O.) **Mass.**—Ford Motor Co., Highland Park, Detroit, Mich., plans pumping station over Mystic River and dredging channel, here. Private plans.

Swimming Pool—Hartford, Conn.—See "Buildings—Educational, Religious."

Artists Resort, etc.—North Carolina—Mt. Mitchell Assn. of Arts & Sciences, N. G. Carroll, (one of incorporators), 112½ Fayetteville St., Raleigh, plans resort on 1,000 acres land between Mt. Mitchell and Little Switzerland, incl. hotel on Pompey's Knob, also golf links, driveways, etc. C. L. Guy, 78 Irving Pl., New York City, chn.

Resort Development — Asheville, N. C. — W. M. Lloyd, Tampa, Fla., purchased Mountain Meadows Estate, 3,000 acres, and plans resort development incl. hotels, parks, driveways, etc., here. $1,000,000-$2,000,000.

Power Line—Chattanooga, Tenn.—Tennessee Electric Power Co., 540 Market St., plans to expend during 1926 $400,000 for lines, extensions and improvements.

Steam Turbines—Nashville, Tenn.—Tennessee Electric Power Co., 540 Market St., Chattanooga, plans to expend during 1926 $500,000 for steam turbines, here.

Retaining Walls, Docks, etc. — Chicago, Ill.—See "Streets and Roads."

Ill., Chicago — HOTEL—Eastgate Building Corp., Room 410, 10 South La Salle St., masonry and concrete work, etc. 15 story, 50 x 100 ft., rein.-con. and steel, 162-164 East Ontario St., to H. Janisch & Co., 444 Belmont Ave.; and carpentry work, Olson Bros., 835 North Lockwood Ave. Archts. total est. $375,000. Noted July 16.

Transmission Lines, etc. — Archer City, Tex.—Wichita Falls Electric Co., Wichita Falls, plans to purchase electric plant, here, and extend lines to nearby towns, etc. $75,000 or more. Private plans.

Swimming Pool—Cisco, Tex.—Lake Cisco Amusement Co. plans rein.-con. swimming pool. $25,000. Private plans.

Transmission Line—Apache, Okla.—See "Waterworks."

Swimming Pool—Hermosa Beach, Calif.—See "Buildings—Commercial."

BIDS DESIRED

Steel Ferry Boats—Boston, Mass.—Oct. 27, by Dept. Pub. Wks., 2 steel ferry boats. $300,000 bonds. $150,000 each if let separately. J. A. Rourke, comr.

Subway—Flushing, N. Y.—Oct. 9, by Bd. Transportation, 49 Lafayette St., New York City, tracks for portion of Flushing Extension of Queensboro Subway Rapid Transit R.R. near intersection of Main St. and Roosevelt Ave., here. J. H. Delaney, chn.

Subway — New York, N. Y. — Oct. 6, by Bd. Transportation, 49 Lafayette St., constructing Sect. 4 Route 102, along 8th Ave. from West 38th to West 47th Sts. J. A. Delaney, chn.

Pier Shed Equipment—New York, N. Y.—Oct. 5, by Commissioner Docks, Pier A, North River, shed equipment for Pier 2, North River, incl. sprinkler system, steam heating, plumbing and water supply, Contr. 1854.

Furnace and Crane—Clarksburg, W. Va.—See "Contracts Awarded."

Causeway—South Carolina—Oct. 20, at Office State Highway Comn., Columbia, 1.753 mi. Hog Island Causeway, on State Route 40, State Project S-586, Charleston Co. State Highway Engineer, Columbia, engr.

Heating, Ventilating, etc. — Birmingham, Ala. — Oct. 19, by Secretary Library Bd., heating, ventilating, plumbing, etc., in library building, 7th Ave. N. near 21st St. $550,000. Miller & Martin, Title Guarantee Bldg., archts. E. Gugler, 101 Park Ave., New York City, consult. engr.

Fire Alarm System—Fairview, O.—Oct. 5, by Village, 20 box fire alarm system. R. P. Jordan, clk.

Park Buildings, etc.—Chicago, Ill.—Oct. 13, by South Park Comrs., 57th St. and Cottage Grove Ave., group of park buildings, incl. boiler house, swimming pool, Service Yard Wall, at James R. Mann Park, 132nd St. and Carondolet Ave. E. J. Whitty, secy.

Subway—Niles Center, Ill.—Oct. 8, by H. E. Wallace, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., Chicago, substructure for McCormick Road Subway under Mayfair Cut-Off of Chicago & Northwestern R.R. near Oakton Ave., here. M. Eller, chn. Noted July 9.

Wharves — Quebec — Oct. 8, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, Ont., reconstructing portion of superstructure wharf at Maria, Bonaventure Co., $9,000; also extension to landing wharf, at Chandler, Gaspe Co., $25,000, here.

Rubble Wall—Port Burwell, Ont.—Oct. 7, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, constructing rubble wall between outer end of West Pier, and inner end of West Breakwater, Elgin Co., here. $30,000.

Protection Works—Delta, Man.—Oct. 13, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, Ont., constructing protection works across mouth Portage Creek, Southern end Lake Manitoba, Portage la Prairie Co., here. $33,000.

Steel Supports, etc. — Wellington, New Zealand—Dec. 8, by Secy. Pub. Wks. Supplies & Tenders Com., Government Bldg., transmission steel supports, 120 poles, 22 light and 28 heavy angle towers.

BIDS RECEIVED

Retaining Wall — New York, N. Y. — H. Bruckner, pres. Bronx Boro, Municipal Bldg., Crotona Park, Tremont and 3rd Aves., Sept. 22, retaining wall on westerly side Harlem River, from A. Angellori, 3646 Holland Ave., $38,704. Noted Sept. 17.

Sea Wall—Lockport, Ill.—Sanitary Dist. of Chicago, 910 South Michigan Ave., Sept. 17 main channel wall, near here, Contr. 2, incl. 29,000 cu.yd. rein.-con., 9,500 cu.yd. excav., 500,000 lb. reinforcing, etc., from Green & Sons Co., 6 North Michigan Ave., Chicago, $1,027,000. Noted Sept. 10.

Lighting System—Glendale, Calif.—Ornamental lighting system on Colorado St. between San Fernando Rd. and east city limits, from Robertson Electric Co., 303 North Main St., Santa Ana, $57,800. Engrs. est. $58,900.

CONTRACTS AWARDED

Platforms, Piers, etc. — Boston, Mass. — Dept. Pub. Wks., platforms, piers and fender guards at Warren St. Bridges, to Rendle Corp., 271 Marginal St., Chelsea, $14,397. Noted July 23.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Sect. 1 of Route 105 along and under Fort Washington Ave., to A. McMullen & Co., Corona, $3,198,100. Noted Sept. 24.

Ventilation, Fans, etc.—New York, N. Y.—New York & New Jersey Interstate Bridge & Tunnel Comn., Room 3004 Woolworth Bldg., ventilating and transformer fans, motor, etc., in Holland Tunnel, Contr. 12, to B. F. Sturtevant Co., Reedville, Mass., $571,031. Noted Sept. 17.

Borings — Phila., Pa — Director of Pub. Wks., City Hall, 22 borings at City Hall, Juniper and Filbert Sts., to J. B. Rulon, 1355 Calwyn St., at $2.68 each. Noted Sept. 17.

Grain Elevator—Phila., Pa.—Phila. Grain Elevator Co., A. T. Dice, pres., c/o Phila. & Reading Ry. Co., Reading Terminal, 196 x 267 ft. grain elevator, 233 ft. high, $2,500,000 capacity, 69 x 188 ft. workhouse, 172 x 187 ft. storage unit, car unloading shed, etc., at Port Richmond Yard, to M. A. Long Co., 19 Guilford Ave., Baltimore, Md. Engrs. est. $4,000,000. Noted Sept. 4, 1924.

Grand Stand — York, Pa. — York Co. Agricultural Assn., 100 x 425 ft., rein.-con. grand stand, 7,500 seating capacity, to C. W. Strayer, 3rd and Broad Sts., Harrisburg. Noted Sept. 3.

Furnace and Crane—Clarksburg, W. Va.—Natl. Carbon Co., Inc., 30 East 42nd St., New York City, made plans furnace and overhead crane at plant, here. To exceed $150,000. Work will be done by day labor. Private plans.

Underpasses—Greensboro, N. C.—Southern Ry. System, 1300 Penn Ave., Wash., D. C., two underpasses, one at Elm-Davie St., 96 ft. 3 track wide, and other at Washington St., 50 ft. 3 track wide, to Northeastern Constr. Co., 101 Park Ave., New York City. Engrs. est. $350,000.

Heating and Plumbing — Biloxi, Miss. — See "Buildings—Commercial."

Tanks—Deerpark, La.—Sinclair Oil Co., ten 80,000 bbl. capacity tanks, to Chicago Bridge & Iron Wks., 105th and Throop Sts., Chicago, Ill.

Dock—Duluth, Minn.—Cutler-Magner Co., 1114 Fidelity Bldg., H. Laliberte, vice-pres., 140 x 150 ft. concrete dock on piles, foot of 12th Ave. E., to Barnett-Record Co., 418 Lyceum Bldg., cost plus percentage basis.

Oil Generating Unit, etc. — Bloomfield, Neb.—For one 75 to 90 hp. oil generating unit and 150 to 180 hp. generating unit and auxiliary equipment, piping, switchboard, etc., to Fairbanks, Morse & Co., 9th and Harney Sts., Omaha, $27,412; and constructing power plant building and cooling tower, to Beckenhauer Bros., Norfolk, $8,990.

Skating Rink, etc.—San Antonio, Tex.—San Antonio Ice Rink Co., c/o J. K. Tobin, et al, 1 story, 60 x 120 ft., rein.-con. and steel skating rink, and 70 ton capacity refrigeration plant, to Triumph Ice Machine Co., South St., Oakley, Cincinnati, O., $40,000. Noted Sept. 17.

Roundhouse, etc.—Dallas, Tex.—Texas & Pacific Ry. Co., c/o E. F. Mitchell, ch. engr., Texas & Pacific Bldg., 7 stall, brick round house, machine shop, car repair shed, etc., to Ware Co., El Paso, about $135,000.

Materials

BIDS DESIRED

Paving Blocks—Long Island City, N. Y.—Oct. 6, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 25,000 asphalt paving blocks to Bureau Highways as directed.

Castings—New York, N. Y.—Oct. 6, by J. Miller, pres. Manhattan Boro, Municipal Bldg., iron castings to Corporations Yards.

CONTRACTS AWARDED

Granite Paving Blocks—Boston, Mass.—Supply Dept., City Hall, 1,000,000 new granite paving blocks, to Hildreth Granite Co., 31 State St., $146 per M. This corrects report in Aug. 2 issue.